

The BEST TOOLS money can buy

YOU CAN BUY P&C TOOLS
WITH CONFIDENCE
EACH IS
BACKED
BY THIS
GUARANTEE

OFFICIAL PAC GUARANTEE

P&C Tools are America's finest quality tools. They are made from the very best steels and alloys obtainable. No effort is spared in the design, workmanship or final painstaking inspection. Should any P&C tool be found defective in workmanship or material and returned prepaid to the factory it will be replaced or repaired without charge provided it has been used for the purpose for which that tool was designed.

NOTICE:

Due to government action, supplier changes or other causes, all prices, finishes, design features and steel analysis or other specifications in this catalog are subject to change without notice.



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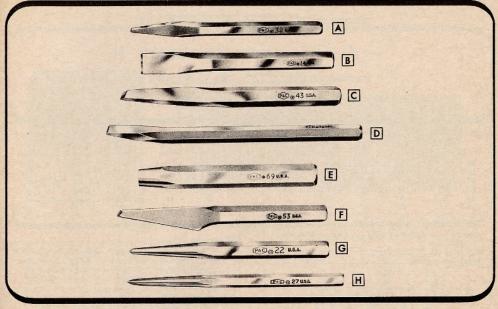
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CHISELS AND PUNCHES | PSC





Designed to do their job with speed and efficiency, P&C Chisels and Punches are the best money can buy. Made of special analysis alloy steel, hammer forged for toughness. Cutting bevels are carefully engineered to give lasting efficiency. Every tool is scientifically heat treated to proper temper for maximum edge holding. Heads beveled to prevent mushrooming. Finished in attractive grey satin, sandblasted and lacquer dipped to resist rust.

A CAPE	CHISELS -			
No.	Cut	Stock	Length	Wt. Lbs.
30	3/6"	14"	41/2"	.08
31	3/6" 1/4"	5/16"	51/4"	.13
32	3/6"	3/8"	5¾"	.18
33	3/8"	V2"	61/4"	.30
34	1/6"	%"	7"	.45

No.	Cut	Stock	Length	Wt. Lbs.
9-A	. 1/4"	36"	47/8"	.04
10	5/6"	1/4"	51/8"	.08
11	36"	3/6"	5%"	.13
12	1/6" 1/2"	36"	51/2"	.18
12-A	1/2"	1/6"	6"	.26
13	5%"	1/2"	6%"	.37
14	3/4"	76"	7"	.53
15	7/8"	3/4"	8"	.90
17	7/8"	34"	12"	1.43
17-A	1"	13/16"	8"	1.16
18	1"	13/6"	12"	1.85
19	13/6"	15/16"	12"	2.35

C DIAMOND	POINT	CHISELS -		
No.	Cut	Stock	Length	Wt. Lbs.
40	36"	14"	41/2"	.07
41	3/6"	5/6"	5"	.13
42	1/32"	3/8"	51/2"	.18
43	32" %6" %1" %1"	1/2"	6"	.33

D RIVET SHEAR CHISELS						
No.	Cut	Stock	Length	Wt. Lbs.		
91	34"	5%"	6"	.45		
92	7/8"	3/4"	12"	1.40		

E RIVET For for	ming round	uniform	heads.	
No.	Point Diam.	Stock Size	Length	Wt. Lbs.
69	7/6"	5%″	5"	.40

F ROUND	NOSE CHI	SELS -		
No.	Cut	Stock	Length	Wt. Lbs.
50	3/32"	14"	41/2"	.06
51	5/32"	5/6"	51/4"	.11
52	3/6"	36"	5¾"	.15
53	14"	1/2"	61/4"	.30

CENTER PUN	ICHES		
	Stock		
No.	Size	Length	Wt. Lbs.
20	14"	4"	.05
21	%6" 3%"	41/2"	.10
22	3/8"	43/4"	.15
22-A	7/6" 1/2"	47/8"	.19
23		5"	.25
24	56"	6"	.45

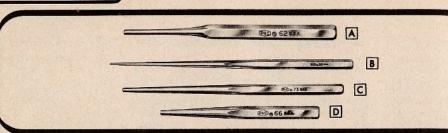
H PRICK PUN	CHES -		
No.	Stock Size	Length	Wt. Lbs.
27	14"	41/2"	.08
28	5/6"	5"	.10
29	3/8"	51/2"	.15

All P & C Tools are size marked to speed use on the job.



CHISELS AND PUNCHES





No.	Point Diam.	Point Length	Stock Size	Overall Length	Wt. Lbs.
58	K6"	34"	14"	41/4"	.05
60	16" 352"	34"	14"	41/4"	.05
61	1/8"	1"	%6" %6" %"	41/2"	.08
62	5/2"	11/4"	3/6"	5"	.10
63	3/6"	136"	36"	51/4"	.13
*63-5	%2" %6" %6"	34"	36"	4%"	.11
64	1/2" 1/4"	11/2"	7/6"	51/2"	.18
64-1	1/4"	1%"	1/2"	534"	.23

*Special punch with short husky point for removing rivets on sickle bars.					
B ALIGNING					
No.	Point Diam.	Stock Size	Length	Wt. Lbs.	
88	3/6"	₩"	16"	.98	

C DRIFT	PUNCHES -			
No.	Point Diam.	Stock Size	Length	Wt. Lbs.
70	3/2"	14"	10"	.10
71	3/32" 1/8"	76" 36"	10"	.15
72	36"	36"	10"	.23
73	%6" %2" %4" \$\6" %6"	1/6" 1/2"	10"	.33
74	1/4"	1/2"	10" 10"	.43
75	5/6"	56"	10"	.68
76	3/6"	34"	10"	1.00

D	STARTER	PUNCHES -	Stock	Overall	
	No.	Diam.	Size	Length	Wt. Lbs.
	65-A	1/6"	36"	41/4"	.03
	65	1/8"	3/6" 5/6"	5"	.10
	66	3/2"	3/8"	5"	.15
	67	¾2" ¾6"	1/2"	5"	.25



65 2411

Plastic Kit

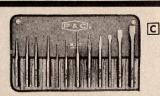
CHISEL AND PUNCH SETS

В





Wt. .95 Lbs.



C No. 2 POPULAR SET -

No.

No. 9 UTILITY SET-Supplies the three most used punch and chisel items in a handy, hang-up plastic case of attractive Set includes one each of the following:

No.	Description
12	Cold Chisel - 7/6" cut
22	Center Punch — 36" stock size
66	Starter Punch — 32" point diameter
	2%" point length
409	Plastic Kit Wt45 Lbs.

B No. 3 PUNCH AND CHISEL SET-Contains center, pin and starter punches, plus cold chisels. Many uses for this handy set. Set includes one each of the following: Description No. Cold Chisel — %" cut size Center Punch — %" stock size 13 22 Pin Punch — 1/8" point diameter 61 Pin Punch — 16 point length Pin Punch — 16 point diameter 11 point length Starter Punch — 16 point diameter 21 point length 63

Cold Chisel $-\frac{7}{6}$ " cut size Cold Chisel $-\frac{7}{8}$ " cut size Center Punch $-\frac{8}{8}$ " stock size Cape Chisel $-\frac{1}{8}$ " cut size
Center Punch — %" stock size
Center Punch — %" stock size
Cape Chisel — ¼" cut size
Diamond Point Chise! - 36" cut size
Pin Punch — ¾2" point diameter
34" point length
Pin Punch — 1/8" point diameter
1" point length
Pin Punch — 36" point diameter
13%" point length
Starter Punch — 1/8" point diameter
2¼" point length
Starter Punch - 1/4" point diameter
3/6" stock size
Starter Punch - 5/2" point diameter
2%" point length
Plastic Kit (12 pocket) Wt. 1.55 Lbs.

Contains twelve punches and chisels used by master mechanics everywhere. Conveniently ar-ranged in attractive blue vinyl case.

Set includes one each of the following:

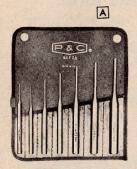
Description

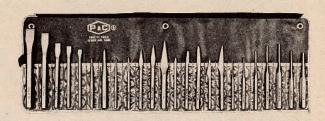
CHISEL AND PUNCH SETS



В







A No. 2-A RIVET AND PIN PUNCH SET

All sizes you'll ever need. Seven punches in blue vinyl plastic kit to keep them in proper order. Set includes one each of the following:

No.	Description
58	Pin Punch - 1/6" point diameter
60	Pin Punch — 32" point diameter
61	Pin Punch — 1/8" point diameter
62	Pin Punch — 32" point diameter
63	Pin Punch — 3/6" point diameter
64	Pin Punch — 1/32" point diameter
64-1	Pin Punch — ¼" point diameter
2403	Plastic Kit (7 pocket) Wt. 1.10 Lbs.

B No. 1 MASTER SET - 24 PIECES -

Includes every punch and chisel you'll need for the majority of jobs. And they're all organized in a handy plastic, easy-visibility case to make selection easier and to protect every tool.

Set includes one each of the following:

No.	Description
10	Cold Chisel - 1/6" cut
11	Cold Chisel — %" cut
12	Cold Chisel — 1/6" cut
13	Cold Chisel — %" cut
14	Cold Chisel — ¾" cut
21	Center Punch — 1/6" stock
23	Center Punch — 1/2" stock
27	Prick Punch — 1/4" stock
30	Cape Chisel — 1/6" cut
31	Cape Chisel — ¼" cut
32	Cape Chisel — 1/6" cut
33	Cape Chisel — %" cut
40	Diamond Chisel - 32" cut
41	Diamond Chisel — 36" cut
	Diamond Chisel - 1/32" cut
50 52	Round Nose Chisel — 32" cut
60	Round Nose Chisel — $\frac{7}{16}$ " cut Pin Punch — $\frac{7}{12}$ " point diameter
	710 runch — 732 point diameter
61	¾" point length Pin Punch — ½" point diameter
	1" point length
62	Pin Punch — 5/32" point diameter
	1¼" point length
63	Pin Punch — 3/6" point diameter
. WOLL	1%" point length
64	Pin Punch — 1/32" point diameter
	11/4" point length
66	Starter Punch — 32" point diameter
	2%" point length
67	Starter Punch — 3/6" point diameter
	2%" point length
2401	Plastic Kit Wt. 3.80 Lbs.

SICKLE BAR REPAIR SETS



SET No. 6

Here are three chisel and punch sets specifically designed to repair knife sections and ledger plates on harvesting equipment. Each does the job quickly and easily, saves important production time. Come in handy plastic kit.

Sets are made up from the following:

No. 63-5 PIN PUNCH

Designed for driving out rivets. Short and husky yet long enough to reach through ledger plate and guard.

No. 67 STARTER PUNCH

For breaking loose ledger plate rivets.

No. 69 RIVET HEADER

For knife section rivets. Forms round, uniform head.

No. 91 RIVET SHEAR

For cutting section rivets.

SET No. 6 Includes one each of Nos. 63-S, 67, 69 and Plastic Kit No. 2406.

SET No. 7

No. 7 Includes one each of Nos. 63-5, 67, 69, 91 and Plastic

Kit No. 2407. SET No.8

Includes one each of Nos. 63-S, 69, 91 and Plastic Kit No. 2406.

EXTRACTORS





Works on either right or left threads. Drill size clearly marked on each tool. Made of toughest, special alloy steel with sharp fluted edges that gives a positive bite. Gradual taper prevents wedging and binding. Even if the pilot hole is drilled clear through this extractor will not chew up the object as other extractors do. Sizes available to meet all needs.

FOR REMOVING SCREWS, BOLTS, STUDS, PIPE

P&C Extractors are of a unique design that makes removing broken bolts, screws and studs faster and easier. Just these three simple steps:



(1) Drill hole to size specified



- (2) Drive in P&C Extractor
- (3) Turn out broken object

No.	Drill Size	Minimum Depth of Hole	Size of Shank	U.S.S. Screw Stud or Bolt Size	Pipe Size	Overall Length	Wt. Lbs.
9521	1/4"	3%"	3/6"	14,5%6"		25%"	.01
9522	3/6"	1/2"	3/6"	36"		256"	.02
*9523	15/4"	1/2"	14"	X6"	1/8"	27/8"	.04
9524	5/6"	V2"	5/6"	1/2, 1/6"	1/4"	3"	.06
9525	36"	%"	36"	56"	36"	3¼"	.10
9525B	15/32"	11/6"	7/6"	34"		37/8"	.17
9526	%6"	11/6"	1/2"	7/8"	1/2"	41/2"	.23
9527	21/32"	3/4"	56"	1, 11/6"	1/2"	47/8"	.40
9528	13/6"	34"	34"	114, 136"	3/4"	5%"	.65
9529	11/16"	34"	1"	11/2"	1"	51/2"	1.12

^{*}For broken Alemite fittings.



SCREW EXTRACTOR SET

No. 9500-A

The five most used screw extractors in a handy, see-through plastic kit of tough and lasting vinyl. Set includes one each of the following extractors:

Numbers 9521, 9522, 9523, 9524, 9525 Weight .26 Lb.

FOR STUD REMOVERS SEE PAGE 20

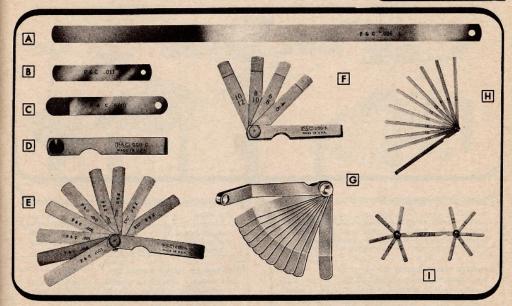


TAP WRENCHES

Handy for holding drills, reamers and other small tools in addition to taps. Knurled chuck shell adjusts easily. Chuck provides a firm grip even when only a small bite is taken. Handle slides for use in tight places.

No.	Handle	Capacity	Wt. Lb
1688	314"	1/6" - 1/32"	.15
1689	534"	14" - 1/2"	.63





Accuracy, flexibility and careful heat treating that assures long life...these are the reasons P&C Feeler Gauges are so popular everywhere.

A LONG BLADES . 1/2" wide, 12" long. Wt. Lbs. Wt. Lbs. No. Wt. Lbs. No. No. 0015-L .002 013-L .023 025-L .040 014-L .023 026-L .041 002-L .004 .043 015-L .027 027-L 003-L 006 028-L 046 004-L .008 016-L .027 .050 005-L .009 017-L .028 030-L 006-L .012 018-L .030 032-L .054 008-L .016 019-L .031 035-L .057 010-L .019 020-L .032 040-L .070 011-L .019 021-L .035 .036 012-L .021 022-L

B SHORT BLADES 1/2" wide, 3" long. Wt. Lbs. Wt. Lbs. Wt. Lbs. No. No. No. .009 .001 010 .005 019 0015 .005 020 .010 002 .001 011 003 002 012 .005 022 011 004 .002 013 .006 025 .012 005 .003 014 .006 030 .013 006 .003 015 .007 032 .015 035 .008 .016 007 .004 016 008 .004 017 008 .017

	009	.004	018	.009			
ſ	C STEP-CU	T FEELER	GAUGES			10000	1000
	"Go" an	d "no-go"	gauges,	with two wide, 31/4		nt thick-	
100	No.	Wt. Lbs.	No.	Wt. Lbs.	No.	Wt. Lbs.	
N.	004/6	002	010/12	006	016/1	8 008	

No.	Wt. Lbs.	No. Wt. Lbs.	No. Wt. Lbs.
004/6	.002	010/12 .006	016/18 .008
005/7	.003	011/13 .007	017/19 .009
006/8	.003	012/14 .007	018/20 .009
007/9	.004	013/15 .007	019/21 .010
008/10	.004	014/16 .007	020/22 .010
009/11	.004	015/17 .008	

D FEELER GAUGE HOLDER

No. 000-C. For 3" or 3¼" feeler gauge blades. Holds all available sizes. Wt., .05 lb.

E STANDARD FEELER GAUGE SET -

No. 000-A. Nine short blades-003, 004, 005, 006, 008, 010, 012, 015 and 018-in 000-C holder. Wt., .09 lb.

MASTER FEELER GAUGE SET

No. 000-AA. 25 short blades 0015 through 040 except 019 in 000-C holder. Wt., .19 lb.

F STEP-CUT GAUGE SET -

No. 000-B: Four gauges — 004/6, 006/8, 008/10 and 010/12—in 000-C holder. Wt., .06 lb.

MASTER STEP-CUT SET

No. 000-BB. Master set with eight gauges-004/6 through 011/13-in 000-C holder. Wt., .08 lb.

G BENT GAUGE SET -

No. 000-M. Eleven ½" by 4¾" bent blades—.006", .008", .010", .011", .012", .013", .014", .015", .018", .019" and .020"—in holder and plastic pouch. Wt., .15 lb. (Blades not sold separately.)

H BRAKE GAUGE SET -

No. 000-E. Nine 3/6" wide by 4" long blades—.006", .008", .010", .012", .014", .016", .018", .020" and .025" thick—in holder. Wt., .04 lb. (Blades not sold separately.)

I IGNITION GAUGE SET -

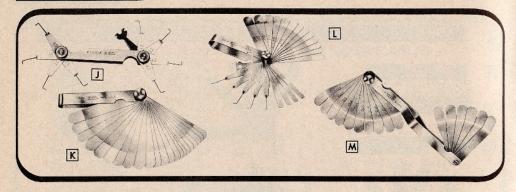
No. 000-D. Ten 3/6" wide by 11/2" long blades — .013", .015", .017", .018", .020", .025", .030", .032", .035", and .040" thick—in holder. Wt., .03 lb. (Blades not sold separately.)

Note: Tool numbers on individual gauges also indicate the gauge thickness in thousands of an inch.





FEELER GAUGES & GAUGE SETL



J SPARK PLUG GAUGE SET

No. 000-K. For checking spark plug gaps, includes electrode bender. Eight bent-wire gauges—0.22", .025", .027", .032", .033" and .040" thick—in holder. W1., .06 lb. (Gauges not sold separately.)

K MASTER FEELER GAUGE SET-

No. 000-N. Covers entire range from .004" to .027". Step ground to .002" tolerance. Includes 22 blades in holder—all those listed in "C" on previous page plus 021/23, 022/24, 023/25, 024/26, 025/27. Wt., .25 lbs.

L FORD MASTER GAUGE SET

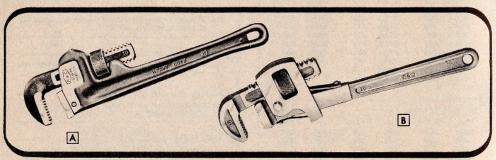
No. 000-P. Provides all sizes needed for Fords. Includes 13 step-ground go-no-go from .010/12" to .025/27" plus 4 step-ground ignition blades, three 90° offset spark plug blades and two straight wire blades for voltage regulator setting. Wt., .25 lbs.

MOVERHEAD VALVE GAUGE SET

No. 000-R. A universal set with blades offset at the right angle to protect mechanics hands. A total of 16 blades from .009" to .027". Each blade accurately ground and tempered. Wt., 20 lbs.



PIPE WRENCHES



The test of a pipe wrench is the way it stands up under actual professional plumber usage. P&C Pipe Wrenches have met this test time and time again. The right design combined with the toughest of tempered steel is the reason. That's why P&C is the Plumber's Choice.

A HEAVY-DUTY TYPE -

Heat-treated, precision milled teeth, replaceable jaw on wrench body recessed into frame to prevent shearing of pin under extreme loads; pipe sizes marked on forged hook jaw, I-beam handle of alloy ductile iron, and alloy steel jaws.

No.	Length	Maximum Pipe Size	Wt. Lbs.
	atting the state of the state of		
1806-HD	6"	3/4"	.45
1808-HD	8"	1"	.85
1810-HD	10"	11/2"	1.80
1814-HD	14"	2"	3.50
1818-HD	18"	21/2"	5.80
1824-HD	24"	3"	9.60

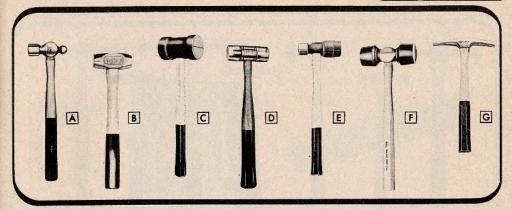
B NORMAL DUTY STILLSON PATTERN

Strength far exceeds Government normal-duty specifications. Forged and heat-treated special steel handle of panel I-beam type, strengthened strain points, an easy-turning knurl, and hard, tough jaw teeth that are deep-milled for positive grip.

No.	Length	Maximum Pipe Size	Wt. Lbs.
1806	6"	1/2"	.32
1808	8"	3/4"	.65
1810	10"	1"	1.38
1814	14"	11/2"	2.60
1818	18"	2"	4.10
1824	24"	21/2"	7.30
See Price	List for Indivi	dual Replaceme	ent Parts.

ALL PEIN HAMMERS - MALLETS





A BALL PEIN HAMMERS

Distinctive octagon handle is easy to grip. Made of genuine hickory with white lacquer finish. Dropforged head has major surfaces highly polished.

No.	Head Wt.	Length	Wt. Lbs.
8604	4 oz.	111/2"	.45
8608	8 oz.	121/2"	.70
8612	12 oz.	131/2"	1.10 -
8616	1 lb.	14"	1.40
8624	11/2 lbs.	15"	2.00
8632	2 lbs.	16"	2.50

B BRASS HAMMER

This is a 1½-lb. head, all-purpose non-marring hammer for bushings, gears, transmission work, etc. Tapered head for good clearance also minimizes mushrooming.

No. Wt. Lbs. 1430 1.84

C RUBBER MALLET

Head of soft but tough, non-flaking neoprene. Just the thing to use in garages, service stations, cabinet shops and the like. Head has hour-glass design with 25% face.

> No. Wt. Lbs. 1368 1.46

D PLASTIC-TIP HAMMER

Tips are of tough amber plastic. Easily replaceable. Well balanced for less fatigue in use. Tips are 1-5/16" diameter.

No. Wt. Lbs. 1383 .76

E TWO-WAY HAMMER-

Forged steel head and replaceable rubber head. Ideal for mounting tires, drawing rivets and many other jobs. No. 1448-B spare rubber head available.

No. Wt. Lbs.
1448 2.60
1448-B (Replacement rubber tip)

F RUBBER-TIP MALLET

A forged steel head mallet with replaceable rubber tips. For use where a metal hammer would cause damage. Ideal for heavy tire work on autos, trucks and tractors. Two-inch rubber tips and selected hickory handle. Replacement tips available.

No. Wt. Lbs. 8954 1.50 8954-B (Replacement rubber tip)

G UPHOLSTERER'S HAMMER

Magnetic type. Has long reach and convenient head radii coordinated with natural swing. A truly quality hammer designed and built for the professional upholsterer.

No. Wt. Lbs.

REPLACEMENT HANDLES FOR HAMMERS

Shaped for an exact fit. Made of the best grade fine grain hickory.

0	THE RESERVE AND ADDRESS OF THE PARTY OF THE		
For Hammer No.	Use Handle No.	For Hammer No.	Use Handle No.
1368	1368-H	8612	8612-H
1430	1430-H	8616	8616-H
1448	1448-H	8624	8624-H
8604	8604-H	8632	8632-H
8608	8608-H		

BODY AND FENDER FILES



ADJUSTABLE FILE HOLDER

Made of aluminum, this fender file holder is light but strong. Simple adjustment makes file convex, concave or flat. For use with P&C 1501 File. File not included.

No.	Length	Wt. Lbs.	
1509	16"	1.86	



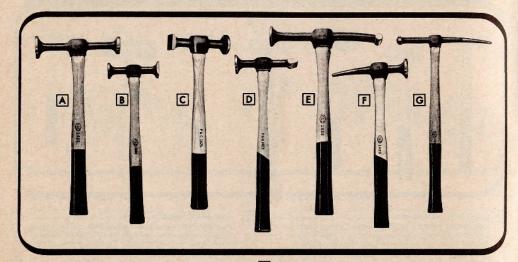
FLEXIBLE FLAT STRAIGHT FILE

Fast cutting type for all kinds of body, fender and sheet metal work. Has curved teeth on both sides, seven teeth to inch. Use with P&C 1509 Holder.

No.	Length	Width	Wt. Lbs.
1501	14"	136"	.70



BODY AND FENDER HAMMERS



You will find P&C Hammers in the finest shops. They are forged from the finest special steels and designed to get the repair job done in the most workmanlike manner. Head and handle are balanced for fatigueless use. Tough hickory handles are firmly fixed.

FINISHING HAMMER

Has wedge-shaped 1" wide cross pein with 2½" clearance. Has slight crowned 1\%" round face with clearance of 2".

No. Wt. Lbs. 1427 .70

A DINGING HAMMER -

Has large face for roughing the bad ones into shape for finishing. Has slightly crowned 1¼" and 15%" diameter round faces. Head is 6" long.

> No. Wt. Lbs. 1421 1.00

E LONG BODY FINISHING HAMMER

Has slightly crowned 13%" diameter round face with 3½" clearance, and a round cross pein, 1½" wide with 4" clearance.

No. Wt. Lbs. 1426 1.03

B FINISHING HAMMER -

Light in weight and perfectly balanced. Has slightly crowned 1¼" diameter round face and a 1-1/16" square face.

No. Wt. Lbs. 1424 .64

F PECKING HAMMER -

Has pointed end for picking out small dents and a round face for finishing. Head is 5%" long overall. Slightly crowned round face is 1½" in diameter.

No. Wt. Lbs. 1428 .86

C FINISHING HAMMER

Heavier than 1424. Has slightly crowned 11/2" diameter round face, and a 11/8" square face.

No. Wt. Lbs. 1425 .90

G PECKING HAMMER

Eliminates uncomfortable reaching. Handle, 17%" reaches to center of car top. Head is 9" long.

No. Wt. Lbs. 1429 .88

BODY AND FENDER DOLLIES













All are engineered to give usable surfaces and angles. Forged from alloy steel and scientifically hardened and tempered. Have highly polished work surfaces.







A BEAD DOLLY. No. 1455. Overall size 176" x 22\%2" x 4\%6". Wt. 2.40 lbs.

B EGG-SHAPED DOLLY. No. 1452. Overall size 1%" x 2½" x 3¾". Wt. 3.10 lbs.

RADIUS DOLLY. No. 1454. Overall size 1\%2" x 2\%6" x 4\%2". Wt. 2.90 lbs.

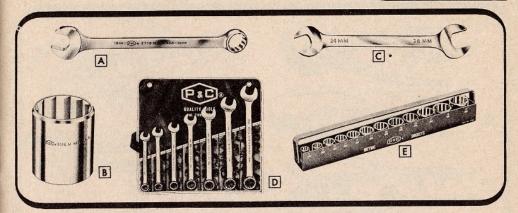
RAILROAD OR GENERAL PURPOSE DOLLY. No. 1453.
Overall size 23/" x 23/" x 23/32". Wt. 2.90 lbs.

E SEMI-ELLIPTICAL HEEL DOLLY. No. 1458. Overall size $1\frac{3}{16}$ " x $2\frac{3}{16}$ " x $3\frac{3}{16}$ ". Wt. 2.20 lbs.

F SHRINKING DOLLY. No. 1457. Overall size 11/4" x 31/6" x 31/6". Wt. 2.20 lbs.

METRIC MEASURE





For use on cars, equipment and machinery made in Germany, France, Italy and other countries using the metric measuring system. All are hot forged from special alloy steel and designed for maximum ease in use. Sizes plainly marked to speed selection. Chrome finish for long lasting rust resistance.

A METRIC SIZE COMBINATION WRENCHES -

No.	Opening Size In Millimeters	Length, Inches	Wt. Lbs.
2710-M	10	41/2"	.06
2711-M	11	51/4"	.10
2712-M	12	51/4"	.10
2713-M	13	6"	.14
2714-M	14	634"	.20
2715-M	15	71/2"	.27
2716-M	16	71/2"	.27
2717-M	17	814"	.34
2718-M	18	814"	.34
2719-M	19	91/4"	.45
2720-M	20	101/4"	.55
2722-M	22	1114"	.65

B METRIC SIZE SOCKETS

3017-M

3018-M

3019-M

38" SQUARE DRIVE All are 12 pt to fit and turn nuts in smaller space.

No.	Opening Size In Millimeters	Length, Inches	Wt. Lbs.
3008-M	8	1"	.04
3009-M	9	1"	.04
3010-M	10	1"	.04
3011-M	11	1"	.04
3012-M	12	1"	.05
3013-M	13	1"	.07
3014-M	14	1"	.07
3015-M	15	1"	.07
3016-M	16	1"	.10

.10

.13

17

C METRIC SIZE OPEN END WRENCHES

18

This combination of ten wrenches gives complete flexibility between 6 and 26 millimeters.

No.	Opening Size In Millimeters	Length, Inches	Wt. Lbs.
30607	6 x 7	41/2"	.04
30809	8 x 9	41/8"	.06
31011	10 x 11	51/4"	.07
31213	12 x 13	5%"	.12
31415	14 x 15	634"	.23
31617	16 x 17	81/8"	.30
31819	18 x 19	8%6"	.38
32022	20 x 22	10"	.60
32123	21 x 23	101/2"	.56
32426	24 x 26	111/8"	.78

D METRIC COMBINATION WRENCH SET -

Contains one each of the following opening sizes:

11, 12, 13, 14, 16, 17, 19 millimeters.

See listing in first column for overall length and wrench numbers. Vinyl Kit only . . . Part No. 2429. Weight of Combination Set 1.8 lbs.

E METRIC SOCKET SET -

This set includes one each of all the %" drive, 12point sockets listed. They are combined in a handy tray with a spill-proof locking band.

Tray only, Part No. 5293. Weght of Set, 1.40 lbs.

BRITISH STANDARD MEASURE

Special sizes in wrenches and sockets designed to give the right fit to bolts and nuts on cars, appliances, machinery and motorbikes built in England.

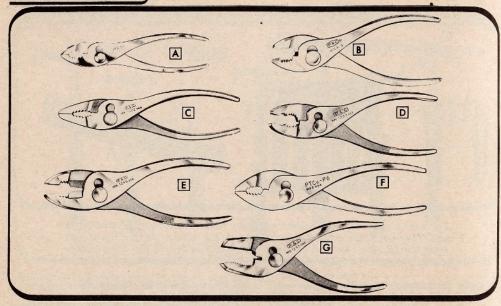
-BRITISH STANDARD COMBINATION WRENCHES -

No.	British Standard Size Bolt	Obsolete Whitworth Size	Opening Size		Wt. Lbs.
1206-B5	3/6	1/8	.338"	4"	.13
1208-B5	1/4	3/16	.445"	514"	.18
1210-B5	3/16	1/4	.525"	6"	.25
1212-B5	3/8	5/16	.600"	71/2"	.32

BRITISH STANDARD SOCKETS

The drive end fits standard U.S. %" ratchets, attachments and drivers. 12-point design.

No.	British Standard Size Bolt	Obsolete Whitworth Size	Socket Size	Total Length	Wt. Lbs.
5206-BS	3/6	1/8	.338"	11/6"	.04
5208-B5	1/4	3/16	.445"	11/6"	.06
5210-B5	3/16	1/4	.525"	11/8"	.07
5212-B5	₹8	%6	.600"	11/8"	.11



You will find no finer pliers than those with the P&C label. Behind each pair stands years of engineering experience in design and painstaking care in manufacturing. Only the finest special alloy steels are used. Hot forging and tempering assures lasting toughness. Joints work smoothly without sloppiness. Teeth are sharp and induction hardened to stay that way.

A REGULAR SLIP JOINT PLIERS -

General utility pliers. Leaders in design and service. Have two jaw-opening adjustments and a shear-type wire cutter. Four sizes. Chrome plate.

No.	Length	Wt. Lbs.
1275	5"	.26
1276	6"	.36
1278	8"	.50
1280	10"	.88

U.S.A. ECONOMY PLIERS -

Same as regular Slip Joint Pliers except have allover sand finish.

Length	Wt. Lbs.
5"	.26
6"	.36
8"	.50
10"	.88
	5" 6" 8"

THIN JAW SLIP JOINT PLIERS

Designed with a slim nose to reach into tight places. Has two jaw-opening adjustments and shear-type wire cutter. Chromed.

No.	Length	Wt. Lbs.
1201	5"	.25
1202	6"	.35

BENT NOSE THIN JAW SLIP JOINT PLIERS -

Thin jaws offset 30° makes handy nail or staple puller. Fits into places hard to reach,

No.	Length	Wt. Lbs.
1203	7"	.43

E COMBINATION SLIP JOINT CUTTING PLIERS -

All the features of slip joint pliers plus durable, induction hardened side cutter.

action	narueneu	side cutter.	
	No.	Length	Wt. Lbs.
	1246	6"	.49

F PTCO COMBINATION PLIERS

For the economy minded looking for a rugged plier. Made from special analysis steel with precision broached jaws. The bolt is heat treated, nickel plated and carefully fitted to give smooth performance.

No.	Length	Wt. Lbs.
P6	6"	.50
P8	8"	.50

G HEAVY DUTY UNIVERSAL PLIERS -

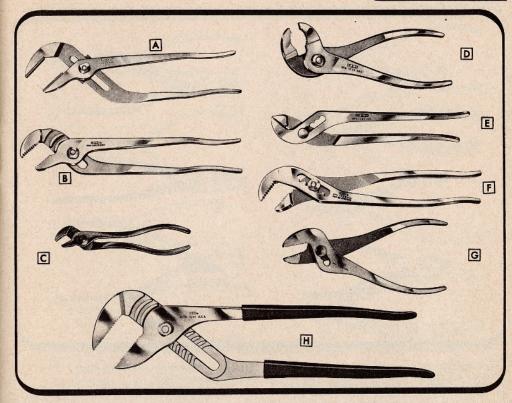
One jaw curved to grip round or irregular objects, other jaw straight with groove for gripping wire, pins or nails. Deep groove wire cutter.

ins or nans.	Deep groove	wire cutter.	
No.	Length	Wt. Lbs.	
1257	7"	.58	



Patented, three-piece compound-leverage design multiplies applied pressure ten times! Non-slip jaws open to 14". Unique diagonal four-position slip joint gives easy jaw adjustment, reduces wedge action and wear. Alloy steel. Chromed.

No.	Length	Wt. Lbs.
1234*	7¾"	.62
*U.S.	Patent No. 2,600,512	



A PLUMBER'S SPECIAL PLIERS -

Comes with either no-mar smooth jaw for use on plated plumbing fixtures or milled pipe jaws. Opens to 2½". Microgroove adjustment permits parallel alignment of jaws.

	No.	Length	Wt. Lbs.
12485	(Smooth jaw)	1114"	.92
	(Pipe igw)	111/4"	.97

B POWER TRACK PLIERS -

A curved tongue-and-groove joint holds jaws securely in any desired position and takes strain off bolt. Five grooves provide wide opening range for handling hundreds of jobs.

No.	Length	Wt. Lbs.
1242	71/2"	.45
1243	10"	.75

C POWER TRACK IGNITION PLIERS

Enable you to get more leverage and a bigger grip for important ignition jobs. Made with care to work smoothly and adjust easily.

No.	Length	Wt. Lbs.	
1231	41/2"	.08	

D PARROT NOSE WRENCH PLIERS

Combination plier and pipe wrench, with 75° offset nose. Noted for grip. Ideal for pipe and tubing.

No.	Length	Wt. Lbs.
1236	614"	.42
1238	714"	.59

E GENERAL UTILITY PLIERS

Commonly known as Water Pump Pliers. All-purpose, with five jaw-opening adjustments. Teeth are shaped as in a pipe wrench, insuring positive grin on round objects. Plenty of leverage.

ip	on round	objects.	Plenty	of	leverage.	
	No.		Length		Wt. Lbs.	
	1240		9"		.58	
	1241		91/2"		.58	

F SELF-ENERGIZING GEAR-LOCK PLIERS

In this revolutionary pliers bolt slides into slanting gear-type slots. As handles are squeezed, bolt locks in chosen slot and jaw pressure increases. Design eliminates slipping, prevents binding, and permits smooth, visible adjustments in five slots.

No.	Length	Wt. Lbs.
1245	91/2"	.75

G WRENCH PLIERS

Long, slim 20° offset nose and three jaw-opening adjustments. Jaws hold objects in front of center, giving a powerful gripping action.

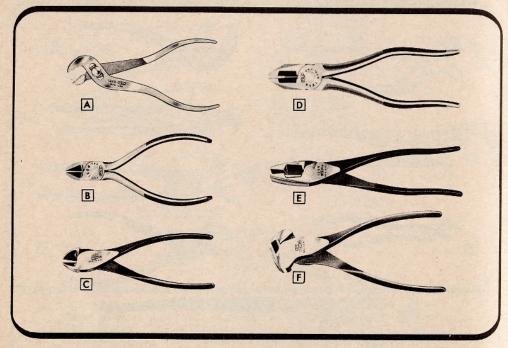
No.	Length	Wt. Lbs.	
1239	8"	.54	

H GIANT POWER TRACK PLIERS

Gives you a giant grip for really big jobs. Opens to 444'' with full 2'' jaws and sharply broached teeth. Can be set to eleven different positions. Plastisol handles for easy grip.

No.	Length	Wt. Lbs.
1244	17"	3.00





A MIDGET SLIP JOINT PLIERS

Light and convenient to use. Designed for ignition work or other jobs requiring narrow jaws. Has three jaw opening adjustments.

No.	Length	Wt. Lbs.
1235	41/2"	.07

B DIAGONAL CUTTING PLIERS

Thin, narrow jaws work easily in congested places. Useful for switchboard, telephone, ignition, electronic and electrical work. Induction-hardened cutting edges. High quality alloy steel.

No.	Length	Wt. Lbs.
1204	41/2"	.20
1205	5"	.21
1206	6"	.37
1207	71/2"	.54

C HEAVY DUTY DIAGONAL CUTTING PLIERS

Tremendous leverage from short, powerful jaws set very close to solidly riveted joint. Perfect alignment, leverage, and balance for difficult cutting jobs. Work easily.

No.	Length	Wt. Lbs.
1209	7"	.49

D LINEMAN'S SIDE CUTTING PLIERS

For utility linemen's work, wiring and electrical equipment installation and maintenance. Carefully matched induction-hardened cutting edges. High quality alloy steel. Smooth working.

No.	Length	Wt. Lbs.
1266	61/2"	.43
1268	81/2"	.81

P&C Tools — the BEST money can buy.

E 9" HIGH LEVERAGE LINEMAN'S PLIERS -

You get up to 50% more leverage than with standard 8-inch pliers because the rivet is closer to the cutting edges. Ideal for cutting No. 8 and other large wire.

Length	Wt. Lbs
9"	1.10

F END CUTTING NIPPER

Take a sharp, clean cut close to the surface on wires, bolts, rivets. Powerful leverage.

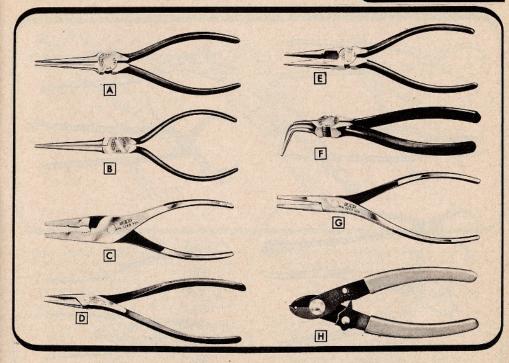
No.	Length	Wt. Lbs.
1272	7"	.60



"HANDEZE PLASTIC GRIPS"

Resilient P&C blue plastic tubes slip over plier handles easily to give better, more comfortable grip. Fit tight, stay on permanently. Long wearing, rugged, finest quality plastic. Unaffected by oil and grease. Resist tear and damage. The three sizes available fit practically all pliers.

- A Therese	
Size	Length
Small	3"
Medium	4"
Large	5"
	Small Medium



Electronics workers, electricians, aircraft mechanics and all those craftsmen working in confined places and with small parts appreciate the usefulness of P&C needle nose pliers and associated tools. Every one has been designed by a skilled engineer and manufactured to the highest standards in the industry. Joints work smoothly, cutters cut cleanly, jaws stay parallel and take a tight grip.

A NEEDLE NOSE PLIERS -

Has very thin nose for getting into places with restricted clearance. A standard item for all electrical and electronics work. Hand-fitting handles.

No. Length Wt. Lbs.

1222 6¾" .28

B LONG, THIN NEEDLE NOSE PLIERS

For precision work in confined places. Nose diameter is 3/32". Made of high quality alloy steel. Ideal for electronic work.

No. Length Wt. Lbs. 1223 6" .13

C LONG, THIN NOSE TELEPHONE PLIERS -

Excellent for manipulating wire and wiring. Heavy, flush riveted joint and shear-type wire cutter.

No. Length Wt. Lbs. 1260 6" .25

LONG REACH NEEDLE NOSE RLIERS .

For drawing and looping wire, forming terminals, working in close quarters, and reaching way back into assemblies. Diamond knurled jaws.

No.	Length	Wt. Lbs.
1228	73/4"	.36

E NEEDLE NOSE -

Ideal combination for electronic, telephone and other electrical work. A good long-reach plier for many types of jobs. High quality alloy.

No.	Type •	Length	Wt. Lbs
1220	without side cutter	6%"	.30
1226	with side cutter	634"	.28

F CURVED, THIN NEEDLE NOSE PLIERS

Same as No. 1222 plier, except nose is bent at 79° angle. Handy for reaching around objects.

No.	Length	Wt. Lbs.
1225	6"	.28

G DUCK BILL PLIERS -

Tapered jaws 1½" and long handles give powerful leverage. Deeply milled oil tempered teeth give extra grip. Solid riveted joint. A well balanced tool.

grip. Solid	riveted joint. A	well balanced	tool.
No.	Length	Wt. Lbs.	
1227	734"	.37	

H WIRE STRIPPER

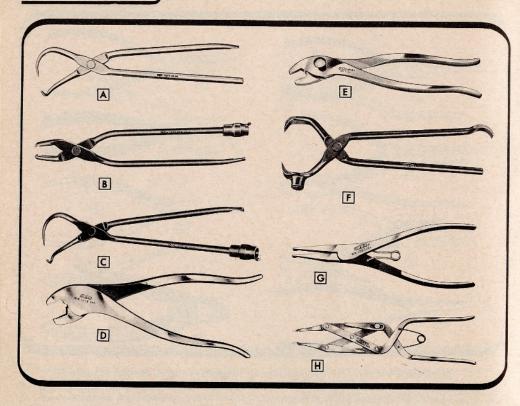
With adjustable stop to cut the insulation and not the wire. Ideal for fast work. "Handeze" handles for more comfort in use.

No.	Length	Wt. Lbs.
1299*	5"	.10
*U.S.	Patent No. 2.868.049	

16 PsD

SPECIAL PURPOSE PLIERS





A BRAKE SPRING PLIERS

Curved jaw clears edge of brake shoe for close adjustment with center line of spring. Thin hooked jaw slips easily under spring.

No. Length Wt. Lbs. 1215 1214" .61

B BRAKE PLIERS - BENDIX

Three tools in one! Speeds and simplifies Bendix. brake repairs. Special jaws remove hold-down cups. Replaceable Bendix Socket on one handle fits over anchor pin and lug lifts off anchor springs. Other handle end has shovel for replacing anchor pin springs. Tough, high quality alloy.

No. Length Wt. Lbs. 1216 11" .62

BRAKE PLIERS - ALL-PURPOSE-

Combines jaws of No. 1215 Brake Spring Plier and handle end features of No. 1216 Bendix Brake Plier.

No. Length Wt. Lbs.
1217 121/2" .78

D BATTERY PLIERS - ANGLE NOSE-

Battery terminal nuts manipulate easily with these thin, 30° offset jaws and long, hand-fitting handles. Jaws give maximum grip regardless of nut condition. Riveted joint for extra strength.

No. Length Wt. Lbs. 1218 8" .49

E BATTERY PLIER - SLIP JOINT .

Has 30° angle jaws to turn battery terminal nuts more easily. Slip joint handles wide variety of sizes. Handles shaped for positive grip.

> No. Length Wt. Lbs. 1218A 8" .42

F GREASE AND HUB CAP TOOL-

All the tools in one to remove hub and grease caps. Also includes a built-in hammer to replace those items. Made of tough alloy steel. Solid rivet joint keeps jaws in positive alignment for many years of use. Black oxide finish prevents rust.

No. Size Wt. Lbs. **6563** 11" 1.00

G LOCK RING AND "HORSESHOE" WASHER PLIERS -

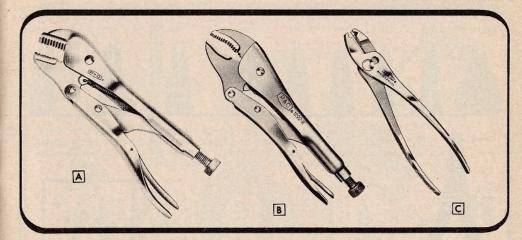
A money-saving dual-purpose plier, for spreading both soft iron "horseshoe" lock washers used on brakes and tempered steel lock rings used on shafting to locate bearings, gears, etc.

> No. Length Wt. Lbs. 1250 81/4" .40

H LOCK RING PLIERS - PARALLEL JAW -

Powerful compound leverage simplifies removal of lock or snap rings used on shafts to retain bearings. Jaw tip indentations hold two ends of ring, prevents breakage. Outside Jaw Spread 11/4". Chromed finish to prevent rust.

No.	Length	Wt. Lbs.
1251	91/2"	.54



A LEVER WRENCH PLIERS

Probably the most powerful pliers you will find anywhere. Lever action locks the jaws in a holding position with a pressure up to one ton. Can be used as a hand vise, holding clamp or a pipe wrench in addition to a pliers with a grip like a vise. Made of the finest materials and sold with a guaranteed satisfaction warranty.

No.	Туре	Length	Wt. Lbs.
1291-R	As illustrated with quick release lever	8"	1
1291	Same as 1291-R without guick release	8"	1

B CURVED JAWS - QUICK RELEASE -

Same as No. 1291-R except has curved jaw to take positive grip on pipe. Has quick release lever.

No.	Туре	Length	Wt. Lbs
1292-R	Curved jaw-		
	quick release	9"	1.12

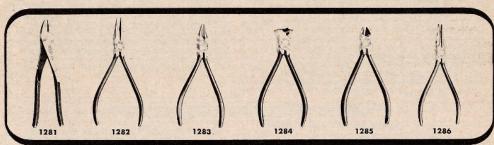
C HOSE CLAMP PLIERS - CORBIN -

For installation and repair of Corbin spring tension clamps, used on hose connections for car water pumps and heaters, and other appliances. Two gripping positions engage ears, prevent hazard of clamp flying out of the plier. Chrome plate.

No.	Length	Wt. Lbs.
1252-A	734"	.50

MIDGET PLIERS





Anyone who has to work in confined places or work with small objects will find P&C Midget Pliers just the ticket. Electronics technicians, hobbiests, electrical equipment workers, aviation mechanics and the like appreciate the smooth operation, balance and hand-fit of these precision tools. Each is designed to do a big job in spite of their petite size. Only the finest of special alloy steels are used. Joints work with ease and cutters are induction-hardened to hold their edge. Together these pliers make a useful matched set.

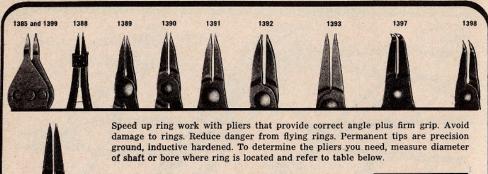
MIDGET P							
No.	Туре	Length	Wt. Lbs.	No.	Туре	Length	Wt. Lbs.
1281	Straight Nose Plier	41/2"	.09	1284	End Cutting Nipper	4"	.10
1282	Chain Nose Plier	434"	.10	1285	Diagonal Cutting Plier	4"	.08
1283	Round Nose Plier	41/2"	.10	1286	Flat Nose Plier	434"	.09

18

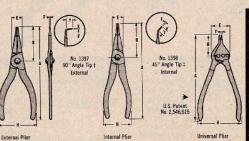


TRUARC® PLIERS











To obtain the right plier, simply measure the diameter of the shaft or bore where the ring is found, and refer to this table.

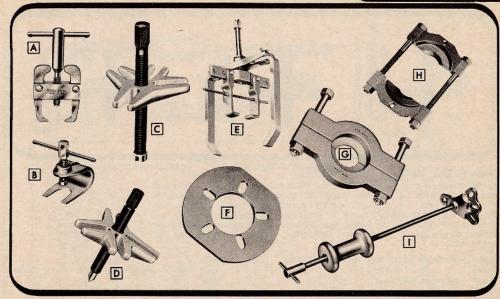
SHAFT DIAM. RANGE	BORE DIAM. RANGE		PLIER NO.	A	(TOL.)	В	(TOL.)	E •	(TOL.)	F	(TOL.)	н •	(TOL.)	WEIGHT LBS.					
0 - 3/6"			1388†	51/4"		11/8"	= 1/16"	1/2"	± 1/16"	.023	± .003	.15%"	± 1/8"	.0383					
1/4" - 7/8"		EXTERNAL	1391	511/4"		21/8"	Market Street	7/8"	± 1/8" .070 .038						.038		25%"	Charles and	.1515
15/6" - 17/8"	Approximation 1	EATERMAL	1393	613/6"	± 1/8"	23/8"	± 1/8"	7/8"		± 1/8" .070	+ .002	25/8"	± 1/4"	.2002					
1/4" - 7/8"			1397*	511/6"		23/6"		7/8"		.038		25/6"		.1562					
**************************************	3/8" - 1"		1389	57/6"		17/8"		13/6"	13/6" 13/6" 1/8" ± 1/8"	.038	+ .002 111/6"		.120						
	1/4" - 1/6"	INTERNAL	1390	53%"	± 1/a"	17/8"	± 1/8"	13/16"		.022	+ .002 003	111/6"	± 1/4"	.1405					
	11/16" - 2"		1392	6%6"		21/8"		7/8"		.070	+ .002	2"		.1962					
	3/8" - 1"		1398**	51/4"	± 1/8"	123/32"	± 1/8"	13/6"	± 1/8"	.038	+ .002 005	111/6"		.1405					
15/6" - 11/6"	11/6" - 2"	LINUTY	1385	77/a"	± 1/4"	17/8"	± 1/8"	11/16"	± 1/8"	.070	+ .002 003	31%," 3%6"	± 1/4"	.344					
1/4" - 7/8"	3/8" - 15/6" UNIV.	1399	5%"	± 1/4"	1%,"	± 1/8"	11/8"	± 1/8"	.038	+ .002 003	134"	± 1/4"	.17						

†U.S. Patent No. 2,901,817. ‡Y—max. ¾, min. ¼. *90° Angle Tip. **45° Angle Tip. • For Universal Plier, dimensions are for: External Position — Internal Position.

If Truarc ring numbers are known, the right plier may be ordered by referring to this table. EXAMPLE: For External rings 5100-18 thru 5100-23, the correct plier is No. 1388. EXTERNAL INTERNAL SERIES 5100 5101 5102 SERIES 5000 5001 SERIES N5000 N5001 SERIES 5108 TRUARC SERIES RING 5002 N5002 5008 -75 **₩** -137 -18 ¥ -23 -50 106 -100 -156 | -175 -143 Series -87 -143 -200 -200 -175 -93 Dash No -100 -102 1389 1398 1399 Pliers 1388 1391 1397 1393 1391 1393 1385 1389 1398 1392 1385 1390 1392 1389 1398 1399 1392 1385 1385 No. 1399 1399 1399

Note: Series Dash Numbers are in hundredths of inches. Thus, 5100-25 identifies External Ring Series 5100 for a shaft of approximately 0.25" 0.D.
STRUARC is a registered trademark of Waldes-Kohineer, Inc.





A BATTERY TERMINAL PULLER -**Conventional Type**

This puller can also be used for removing small bearings. Has quick, positive action.

> No. 4041

Wt. Lbs.

.44

B BATTERY TERMINAL PULLER . . . Special -

Unique design does the job faster. This tool is also more economical than the conventional. Even the most stubborn terminals come loose without harm to the battery.

4042

C STEERING WHEEL PULLER -

Removes drilled and tapped steering wheels, and ideal for many other cap screw pulling jobs. Holds two diametrically opposed cap screws or three screws 120° apart. Rotatable screw tip is slotted to prevent interference with horn button wiring. Complete puller consists of No. 4043B body, No. 4043S screw with tip. Extra tip is No. 4043T.

> No. 4043 Complete Puller

Description

Wt. Lbs. 1.20

D HARMONIC BALANCER PULLER

Works on all recent model cars with two or three tapped holes on harmonic balances, timing gears. Works on many other pulling jobs.

No. 4005

Description Complete Puller Wt. Lbs. 3.00

E REAR AXLE PULLER SET-

Just the thing for pulling flange type or tapered axles on cars or light trucks. Works with No. 4033 Bearing Plate and No. 4034 Flange Plate. Large screw gives tremendous pulling power. Made of heat treated special alloy steel. Handy metal stor-age box available. See price list for parts.

No. Description Wt. Lbs. 4100 Rear Axle Puller Set 13.60 4100A Same in No. 4100MB 19.10

Metal Box

AXLE FLANGE PLATE

Bolt this No. 4034 Flange Plate to studs with No. 4033 Bearing Puller behind the bearing and you're ready to pull frozen bearings from auto and truck

> No. Description Wt. Lbs. 4034 Axle Flange Plate 3.33

G REAR BEARING PULLER ADAPTER -

Works with No. 4034 Flange Plate and No. 4100 Puller to free stubborn bearings without torch heating and hammering. Consists of two (2) No. 4033B plates and two (2) No. 4033S bolt and nut.

No. Description Wt. Lbs. 4033 Rear Bearing Puller Adapter 7.75

H BEARING SEPARATOR AND PULLER-

Flat surfaces, thin edges permit adjustment behind many gears, bearings, etc., where space is too limited for puller hooks. Protects expensive bearings. Also ideal as an arbor press bed plate. Overall width, 5-13/16". Top and bottom holes are ½-13 thread. Set consists of (2) No. 4032S, bolts and nuts, No. 4032A top plate, and No. 4032B bottom plate.

No. Description Max. Opening Wt. Lbs. 4032 Complete Puller 4" x 41/2"

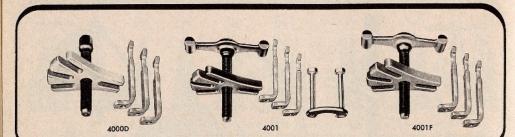
REAR AXLE HAMMER PULLER -

The easiest way to remove rear axles. Big 51/3-lb. hammer gives real drive. Four-slot adapter fits 4, 5 or 6-bolt or stud (51/2" circle range) on flange type axles. Slide hammer is heavy duty malleable iron. All other parts are forged alloy steel. Set consists of 4055B body, 4055H slide hammer and 4055R rod.

> Description Wt. Lbs. 4055 Rear Axle Hammer Puller Set 9.56

Quicker . . . simpler . . . fewer parts. These three words describe the complete line of P&C Pullers.



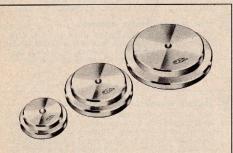


UNIVERSAL WHEEL HUB PULLERS

These pullers are fast, simple, easy to use. Pulls hubs of most light trucks and cars. The No. 4001J legs are drilled for 9/16" studs and are quickly adjustable to any drum with 3, 4, 5, 6 or 7 studs in a circle up to 6½" diameter. The No. 4001JT legs accommodate larger ¾" studs and are adjustable on drums in a circle up to 8" diameter. The fastest, easiest manual wheel puller made for hubs without flanges on all Chrysler cars, Studebaker, Packard and other cars and light trucks.



WHEEL	HUB PULLER PARTS AND SET COMBINATIONS	Wt.			Parts	in Sets		
Tool No.	Description	Lbs.	4000D	4000E	4001	4001A	4001F	4001G
4001B	Puller Body, 6¾" Long	3.60	1	1	1	1	1	1
4001C	Older Ford Adapter Cap Screw, 41/2" Long	.38	S01000-1900-241		2	2		
4001J	Leg-15/6" Leg Offset to Clear Hubs, 3%" from Crossarm to Offset	1.00	3	3	3	3	3	3
4001JT	Leg-134" Leg Offset to Clear Hubs, 3%" from Crossarm to Hub	1.00				-	DE TRANS	21.0
4001R	Older Ford Adapter Ring	.64			1	1		
40015	1" Puller Screw, 8" Long, with 4001ST Tip	1.43	1	1	1	1	1	1
4001ST	Detachable Tip for 4001S Screw	.06						
4001T	Steel Box, 10¾" x 8¼" x 1¾"	2.20		1		I		1
4001W	Striking Wrench	2.00					1	1
	Set Wt., Lbs.		8.03	10.23	9.43	11.63	10.70	12.23



STEP PLATES

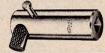
Used on hollow shafting or housings as base for puller screw to force off bushings, gears, etc., also for installing oil seals.

No.	Small Diam.	Large Diam.	Wt. Lbs.
4040-1	3/4"	1"	.05
4040-2	7/8"	11/8"	.08
4040-3	1"	1¼"	.10
4040-4	11/8"	136"	.13
4040-5	11/4"	1%"	.19
4040-6	136"	134"	.22
4040-7	11/2"	17%"	.28
4040-8	1%"	2"	.33
4040-9	134"	21/8"	.40
4040-10	17/8"	2%"	.49
4040-11	2"	21/2"	.59
4040-12	21/8"	2%"	.65
4040-13	21/4"	234"	.76
4040-14	2%"	2%"	.83

No. 4040 Set. Eleven sizes Step Plates, 4040-1 through 4040-11. Wt., 3.00 lbs.

STUD REMOVERS AND SETTERS





MANUAL REMOVER

Available in both 1/2" and 3/4" square drive for regular and heavy duty use. Each unit includes two wedges to increase the usable range. Storage for wedges provided in the unit (held in place by a snap-in pin).

No.	Description	Drive	For Studs	Diam.	Length	Wt. Lbs.	
4515	Stud Remover						
	complete	1/2"	14"-58"	13/6"	31/2"	.78	
4516	Thick wedge for 1/2" drive		14"-76"			.07	
4517	Thin wedge for 1/2" drive		1/2"-58"			.04	
4532	Stud Remover, complete	34"	% "-1"	2"	51/8"	3.40	
4533	Thick wedge for ¾" drive		% "-¾"			.34	
4534	Thin wedge		34"-1"			.18	

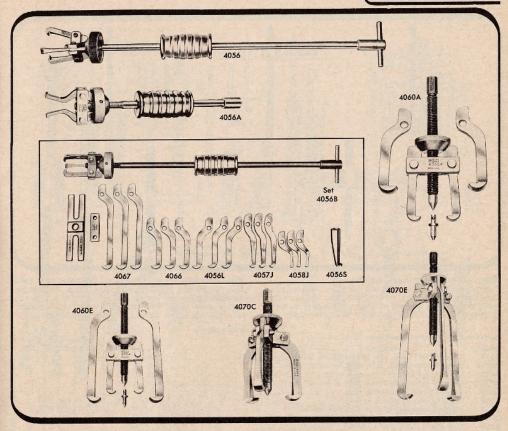
POWER DRIVE

Sets or removes 3/8" to 5/8" studs and bolts. Fastest, most efficient design available. Has single, reversible wedge forced against the stud by a spring. Safe, fast, positive. All parts complete in one unit. Nothing to loose or misplace. Works on 1/2" power or manual drive.



No.	Description Drive	Studs	Length	Lbs.
4510	Power Drive			
	Stud Remover	3411 8411	214#	1.00





LIGHT DUTY AND SLIDE-HAMMER PULLERS
These small pullers are designed to pull small gears,
pulleys, bearings, etc., quickly and easily. Applications
include repairs of electric motors, refrigerators, oil
pumps, starters, generators, etc. The narrow jaws get

into very close places. Adjusting nut No. 4063 holds the No. 4056-N is substituted, the short jaws can be reversed and used for inside pulling. Any ½" opening wrench can be used on the screw's hexagon head.

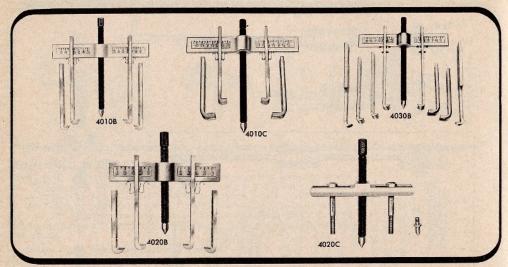
Light Duty and Slide Hammer Pullers, Parts and Set Combinations

		Wt.				Parts in S	ets			
Tool No.	Description	Lbs.	4056	4056A	4056B	4060A	4060E	4070C	4070E	I
4022	Screw, 6%" Long, 1/2" Hex. Head, with 4022T & 4022TS Tip	.35				1	1	1	1	ı
4022T	Standard Detachable Tip for 4022 Screw 60° Taper	.03	*				5			ı
4022TS	Small Detachable Tip for 4022 Screw, 1/4" Diameter	.02				estate in				ı
4056C	Slotted Cap Screw Pulling Crossarm, 6" Wide	1.10			1					۱
4056H	Sliding Hammer with Fluted Grip	2.70	1	1	1				3.00	ı
4056J	Reversible Jaw, 31/2" Long, 2" Yoke to Hook, 11/4" - 31/4"									1
	Inside and 0" - 21/8" Outside Ranges	.11	3		3	2	2			١
4056L	Inside Jaw, 4% L., 3" Yoke to Hook 1%" - 6" Range	.21			3					ı
4056N	Knurled Reversible Adjusting Nut 21/2" Diameter	.75	1	1	1					١
4056PN	Pin for Holding Jaw in Yoke	.03	3	2	3	2	2	3	3	١
4056R	T-Handled Rod, 24" Long	1.90	1		1					1
4056RS	Short Rod, 12%" Long, for Close Places and for Assembling			Sept Military	Carried St.			100 m		١
	Valve or Blind Bearing Puller	.96		1						1
40565	Single Jaw, 215/6" L., for Wheel Alignment Brakes, Pulling		2000				Street Sign		1	I
	Grease Retainers, Small Bearings, etc	.17			1					ı
4057J	Long Reversible Jaw, 443/4" Long, 31/6" Yoke to Hook, 11/4"-		100				L-VINE U	100	1400	ı
	3" Inside and 0"-4%" Outside Range	.18			3					۱
4058J	Inside Jaw, 313/4" L., 141/4" Yoke to Hook %" - 2" Range	.10		2	3					۱
4061	Yoke, 21/2" Wide for Holding Two Jaws	.23		1	1	1	1			ı
4063	Knurled Non-Reversible Adjusting Nut, 134" Diameter	.28				-1	1		10	ı
4066	Outside Jaw, 41/32" L., 3" Yoke to Hook 0" - 43%" Range	.21			3	2		3		1
4067	Long Outside Jaw, 7232" L., 61/4" Yoke to Hook 0"-67/4" Range	.30			3		2		3	١
4071	Yoke, 21/2" Diameter for Holding Three Jaws	.32	1		1		1600	1		١
4080	Blind Bedring Puller	.34								۱
	Set. Wt.		6.09	4.90	10.59	1.56	1.70	1.67	1.94	1



PULLERS





MEDIUM AND HEAVY DUTY PULLERS

Provide straight line pulling for all types of bearings, sprockets, gears, pulleys, wheels, hubs, etc. Springs hold quick-change jaws securely on crossarm which is marked to show the inches jaws are apart. With no linkage or

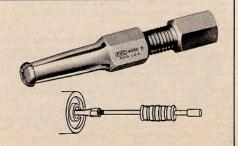
pins to adjust, they are easy to set up. Some jaws have hole for bolting together, extending reach. Detachable "live center" screw tips do not rotate when a screw is turned, preventing shaft damage, keeping screw on center, relieving screw strain and better alignment.

Heavy Duty Pulle	r Parts and Sets	Wt.			in Set	
Tool No.	Description	Lbs.	4010B	4010C	4030A	4030B
4011 Crossarm	11" Long, with Jaw-Positioning Guide	2.70	1	1	1	1
	Jaws 4015, 4016, 4017 and 4018	.02	2	2	2	2
4012 Screw, 11	Ks" Long, %" Hexagon Head, with 4012T Tip	1.20	1	1	1	1
4012T Standard	Detachable Tip for 4012 Screw, 60° Taper	.06				
	from Crossarm to Hook	.94	2	2	2	2
4016 Jaw, 7%	from Cressarm to Hook	1.26	2	1	2	2
4017 Timing G	ear Jaw, 73/6" from Crossarm to Hook	1.14			2	2
4018 Cap Scre	y Jaw, 3" from Crossarm to Hook	.88	- 10.000	2	2	2
4019 Steel Box	, 11½" x 11¾" x 1¾"	4.10			1	
	Set Wt.		8.38	7.62	16.60	12.50
Medium Duty Pul	ler Parts and Sets	Wt.		Pai	ts in Set	
Tool No.	Description	Lbs.	402	DA 4	020B	4020C
4021 Crossarm.	7" Long with Jaw-Positioning Guide	1.00	1		1	100
	Jaws 4025, 4026 and 4027	.01	2		2	
4022 Screw, 63	"Long, 1/2" Hexagon Head, with 4022T and 4022TS Tips	.35	1		1	1
	Detachable Tip for 4022 Screw, 60° Taper	.03				
4022TS Small De	achable Tip for 4022 Screw, 1/4" Diameter	.02				
4025 Jaw, 2" f	rom Crossarm to Hook	.33	2		2	
4026 Jaw, 4" f	rom Crossarm to Hook	.50	2		2	
4027 Narrow J	aw, 4" from Crossarm to Hook	.35		H075		
	w, Case Hardened, 3" Long	.10		UNITED TO		2
4029 Steel Box	, 7" × 7" × 1¼"	1.74	1	100		
	v Crossarm, 6" Wide	1.10		277		
	Set Wt.		4.79	3	.05	1.65

BLIND BEARING PULLER

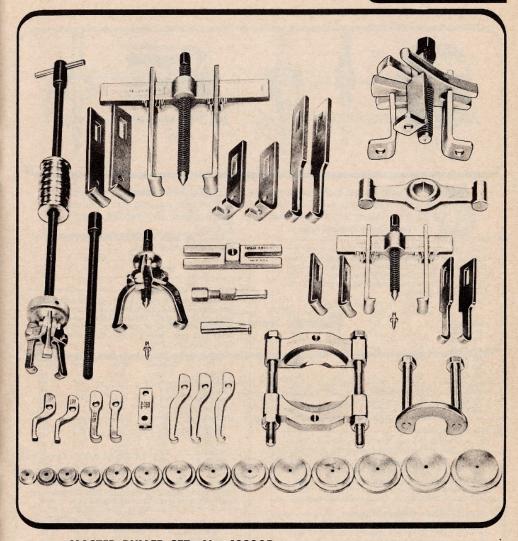
Simple, efficient, collect-type pulls Chevrolet, Ford and Packard pilot bearings quickly, without damage. Turning screw expands outer shoulder and grips bearing. Expands to 11/16" diameter. Has many other uses. Can be used alone or with No. 4056 Slide-Hammer Puller.

No.	Description	Length	Wt. Lbs.
4080	Complete Puller	41/2"	.34
4080B	Spare Body		
40805	Spare Screw		



PULLERS





MASTER PULLER SET-No. 4000AB

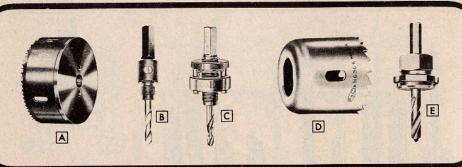
With this set you will never have a puller problem that you can't lick. Interchangeability of parts makes for maximum use and efficiency. An ideal set for the shop that must be completely equipped.

Tool No.	Description	Quantity	Tool No.	Description	Quantity
4001	Universal Wheel Puller	. 1	4056	Slide-Hammer Puller	. 1
4001-W	Striking Wrench	. 1	4056-C	Cap Screw Crossarm	. 1
4020-B	Medium Duty Puller	. 1	4056-J	Reversible 3½" Jaw	. 2
4027	Narrow Jaw	. 2	4056-R5	Short Puller Rod	. 1
4030-В	Heavy Duty Puller	. 1	4056-5	Single Puller Jaw	. 1
4032	Bearing Separator	. 1	4057-J	Reversible 4%" Jaw	. 3
4040	Step Plate Adapter Set	. 1	4058-J	Pilot Bearing Jaw	. 2
4040-12	Step Plate Adapter	. 1	4061	Yoke for Two Jaws	. 1
4040-13	Step Plate Adapter	. 1	4070-C	Light Duty Puller	. 1
4040-14	Step Plate Adapter	1	4080	Blind Bearing Puller	. 1

Set Wt. Lbs. 52.00

HOLE SAWS





No better way to get holes of large size. With P&C Hole Saws you can get holes up to $1\frac{1}{6}$ " with a $\frac{1}{4}$ " chuck. With $\frac{7}{16}$ " chuck you can cut holes as Big as $\frac{2}{2}$ ". Made from steel that stays sharp under the hardest usage.

A BEST-MOL®HOLE SAWS

These Saws are for high speed use and will cut through any machineable material. Made from special formula molybdenum high speed steel. Cutting edge welded to shatterproof steel back. Give full 1½" cut depth. Follow-through design permits cutting to any desired depth.

No.	Saw Diameter	For Conduit Size	For Pipe Size	Wt. Lbs.
H5 24-M	3/4"	36"		.18
H5 28-M	7/8"	1/2"	34"	.18
HS 32-M	1"			.18
HS 36-M	11/8"	3/4"	1"	.20
H5 40-M	11/4"			.20
H5 44-M	136"	1"		.20
HS 48-M	11/2"		114"	.21
HS 52-M	1%"			.22
HS 56-M	134"	11/4"	11/2"	.24
HS 64-M	2"	11/2"		.27
HS 80-M	21/2"	2"		.36

B BEST-MOL MANDRELS

Securely holds the saw and allows for easy blade change. Has '4" high speed replaceable pilot drill.

No.	Fitting Saws Between Sizes	Shank	Wt. Lbs.
HSM 2436 M	34" - 11/8"	7/6" Hex	.25
HSM 4048 M	11/4" - 11/2"	7/6" Hex	.38

BEST-MOL QUICK CHANGE MANDREL -

Has precision ground thread that permits fingertip adjustment. Does not require removal of mandrel from chuck for blade changes.

No.	Between Sizes	Shank	Wt. Lbs.
HSM 5280 M	11/4" - 21/2"	1/6" Hex	.63

Replacement Drills for Best-Mol mandrels. Made of high speed steel. Size ¼".

No.	Wt. Lbs.	
HSM 8 D	.01	

D BEST-QUIK HOLE SAWS

For use on wood, plasterboard, plastic and similar materials. Cut to %" in a single pass. Special exclusive "pass through" design permits even deeper cuts with removal of the plug. Knock-out holes make this easy. Saws are slotted for use on mandrels other than P&C .

No.	Saw Diameter	For Conduit Size	For Pipe Size	Wt. Lbs.
HS 24-K	3/4"	36"		.08
HS 28-K	7/8"	1/2"	3/4"	.08
HS 32-K	1"			.08
HS 36-K	11/8"	3/4"	1"	.10
HS 40-K	11/4"			.10
HS 44-K	136"	1"		.10
H5 48-K	11/2"		11/4"	.11
H5 52-K	1%"			.12
HS 56-K	134"	11/4"	11/2"	.13
HS 64-K	2"	11/2"		.15
HS 80-K	21/2"	2"		.21

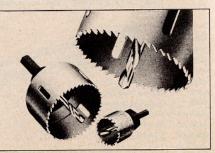
E BEST - QUIK MANDRELS -

Make blade changing easy and hold the hole saw securely. Two sizes to fit all hole saws.

No.	Fit Saws Between Sizes	Shank	Wt. Lbs.
HSM 2436 K	34" - 11/8"	1/4"	.13
HSM 4080 K	114" - 21/2"	3/6"	.16

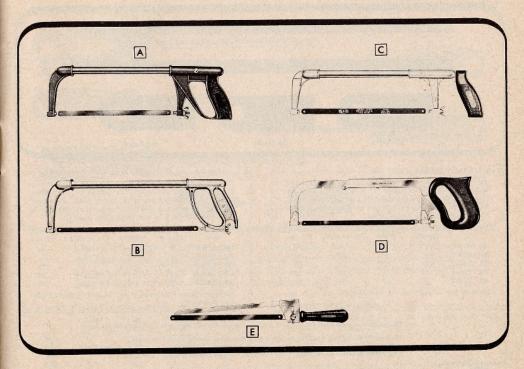
Two types of P&C Hole Saws for big holes in all kinds of materials.

With Best-Mol Hole Saws you can saw holes in any metal that is machineable. And for lighter use on metals plus wood, plaster, plastic, hardboard you will find Best-Quik the hole saw that gets the job done smoothly and quickly. Matching mandrels assure accurate alignment and true holes.



HACK SAWS





The test of a hacksaw frame is the rigidity it imparts to the blade . . . the flexibility it has in actual use . . . the soundness of its overall design so it will stay on the job for years to come. On all these scores P&C Hack Saw Frames measure up. Handles are easy to grip, blades are easy to change—to adjust for regular, side or back cuts.

A TUBULAR FRAME HACKSAW-

Here is a hacksaw that won't let blades wobble or bend. Lightweight yet exceptionally strong with tubular steel frame and die cast aluminum front end and handle. Extra blade storage space provided in the tubular part of the frame. Easily adjusted to use either 10" or 12" blades. Blade adjusts for angular cuts.

> No. 1353

Overall Length 17" Wt. Lbs.

B TUBULAR FRAME HACKSAW-

A popular priced tubular hacksaw that sacrifices nothing in strength and ease of use. Handle is close to blade end for better balance and more cutting pressure. Frame will not twist. Always holds the blade tight. Accommodates both 10" and 12" blades. Blade storage provided in frame.

No.

Overall Length 17" Wt. Lbs.

C TUBULAR FRAME HACKSAW

Economy priced wobble-free frame is die-cast for extra strength, reinforced at all stress points. Easy on hands, handle is practically indestructible. Extra blade storage space in the tubular frame. Handles both 10" and 12" blades. Comes with 10" blade.

No.

Overall Length

Wt. Lbs.

D RIGID-FRAME HACKSAW-

This is a hacksaw of conventional design intended for the heaviest use. No twist or warp in the frame of tough, tempered steel. Adjustable to take 10" or 12" blades and to make side or reverse cuts. Handles of molded plastic fit the hand for easy use.

No.

Overall Length 171/2" Wt. Lbs.

E LOW CLEARANCE HACKSAW

Here is the steel-cutting version of the keyhole saw. Adjustable throat gives you cuts through 1" material or insertion into a 1" hole for any inside cut. Uses standard 10" blade. Solid steel backbone gives tremendous blade tension for easy cutting.

> No. 1345

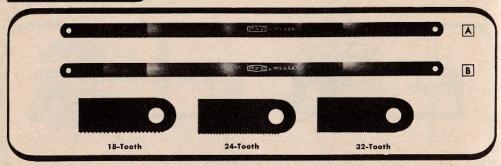
Overall Length 16%" Wt. Lbs.

For best cutting results with P&C Hacksaws use P&C Hacksaw Blades. Two types to pick from in both 10" and 12" lengths and all popular teeth sizes. See page 26.



HACK SAW BLADES





A HACKSAW BLADES - BEST-TUF ® -

You'll never find a finer, general-purpose hand hacksaw blade. Fabricated with years of saw making experience from patented special alloy steel. Teeth will not strip even when used on the lightest tubing or thinnest sheet metal.

	Teeth per					
No.	Length	Width	In. of Blade	Wt. Lbs.		
HB 1018-T	10"	1/2"	18	.04		
HB 1024-T	10"	1/2"	24	.04		
HB 1218-T	12"	1/2"	18	.05		
HB 1224-T	12"	1/2"	24	.05		
HB 1232-T	12"	1/2"	32	.05		

18-tooth are straight set. 24 and 32-tooth are wavy set.

B HACKSAW BLADES - BEST-FLEX ® -

This is the blade to use when there is a tough cutting job to do and where breakage is a problem. Made of molybdenum high speed steel. Designed for high speed use and long wear. Unbreakable in use. Can be used to cut high alloy steels.

No.	Length	Width	In. of Blade	Wt. Lbs.
HB 1018-F	10"	1/2"	18	.04
HB 1024-F	10"	1/2"	24	.04
HB 1218-F	12"	1/2"	18	.05
HB 1224-F	12"	1/2"	24	.05
HB 1232-F	12"	1/2"	32	.05

18-tooth blades have straight set. 24 and 32-tooth blades have wavy set.

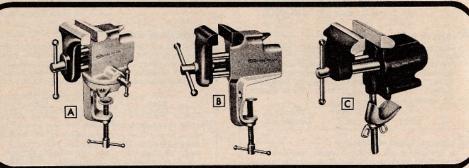
18-Tooth recommended for general shop use on tool steel, iron pipe and light angle iron.

24-Tooth for cutting hard materials where the cross section is 1/6" or more.

32-Tooth for cutting stock up to 1/6" such as thin sheet metal, light tubing, BX.



BENCH VISES



A SWIVEL BENCH VISE

Permits jaws to be swung to the angle best suited to the job at hand. Swivel clamping mechanism works smoothly and holds securely. Jaws are $2V_2''$ wide and open to $2V_4''$.

No. Description Wt. Lbs. 1997 Swivel Bench Vise 5.50

B RIGID BENCH VISE -

A strong, rigid vise that clamps firmly to the bench. Jaws open to 21/4" and are 21/2" wide.

No. Description Wt. Lbs.
1998 Rigid Bench Vise 4.00

C PREMIER BENCH VISE -

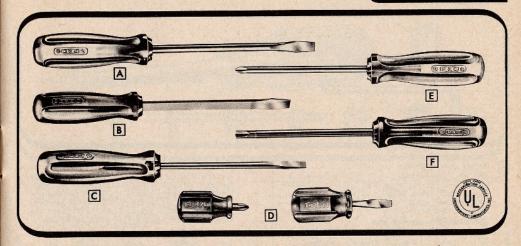
Big 3" jaws that open to 23%". Parallel guide rods add strength and sturdiness plus keeping work from touching the screw. Has V-grooved jaws for holding rounds. Unbreakable %" steel clamping stud and power-grip cantilever clamping foot fits vise to bench.

No.	Description	Wt. Lbs
1999	Rigid Bench Vise	3.25

Jaws stay parallel on P&C Vises for a positive grip every time.

SCREWDRIVERS





Blades are forged from toughened special alloy steel. Handles are clear shock-proof, acid-proof plastic or of special selected fine-grain hardwood and are shaped for best grip and no slip. Blades are fastened to handles with flanged end that will not loosen...we guarantee it.

A PLASTIC	HANDLE-	STANDARD	TIP-ROUND	SHANK-
No.	Blade Diam.	Blade Length	Overall Length	Wt. Lbs.
402	1/8"	21/2"	51/4"	.05
404	1/8"	41/2"	714"	.06
504		4"	71/2"	.10
508	3/6" 3/6"	71/2"	11"	.13
634	14"	4"	8"	.17
736	×6"	6"	101/2"	.30
740	%" %" %"	10"	141/2"	.39
838	3/8"	8"	13"	.47

	Blade	Blade	Overall	
No.	Diam.	Length	Length	Wt. Lbs
442	1/8"	21/2"	51/4"	.04
542	3/6"	11/2"	41/4"	.06
544	3/6"	4"	71/2"	.11
548	36"	7½" 3"	11"	.15
603	%6" %6" %6" '4" '4"		6%"	.13
604	14"	4"	8"	.15
609	1/4"	9"	13"	.25
705	5/6"	5"	9%"	.31
706	36"	6"	101/2"	.33
710	1/4" 5/6" 5/6" 5/6" 36"	10"	141/2"	.43
808	36"	8"	13"	.55
810	36"	10"	15"	.62
812	36"	12"	17"	.90
816	36"	16"	23"	1.05

The same	Blade	Blade	Overall	A SECTION AND ADDRESS OF THE PARTY OF THE PA
No.	Diam.	Length	Length	Wt. Lbs.
462	1/8"	21/2"	51/4"	.05
464	1/8"	4"	7"	.06
466	1/8"	6"	8¾"	.06
562	36"	3"	6%"	.10
564	36"	4"	71/2"	.10
565	36"	5"	8%"	.13
566	3/6"	6"	91/2"	.12
568	%6" %6" %6" %6"	8"	111/2"	.13
669	14"	10"	14"	.24

D STUBBY S	CREWDRIVERS-		
No.	Type of Tip	Overall Length	Wt. Lbs.
501	Standard	3"	.07
601	Standard	37/8"	.13
670	Phillips No. 2	21/2"	.08
690	Reed & Prince	27/8"	.07

E PLASTIC	HANDLE-C	KO22 SFOL	SCKEWDKI	AEK2
No.	Phillips Blade Size	Blade Length	Overall Length	Wt. Lbs.
473	0	21/4"	5"	.05
573	1	3"	61/2"	.10
674	2	4"	8"	.15
776	3	6"	101/2"	.28
878	4	81/2"	131/2"	.50
REED &	PRINCE			
	Blade	Blade	Overall	
No.	Diam.	Length	Length	Wt. Lbs.
592	3/6"	3"	638"	.09
693	1/4"	4"	8"	.17
794	5/6"	6"	1036"	.30
		STATE OF THE PARTY AND ADDRESS OF		

F CLUTCH	HEAD-			
No.	Bit Size	Blade Length	Overall Length	Wt. Lbs.
			The state of the state of the state of	
483	32"	37/8"	7%"	.12
584	3/2" 3/6"	31/8"	7%"	.12
685	14"	47/8"	87/8"	.18
786	36"	47/8"	93%"	.28

ALL PURPOSE SCREWDRIVER SET Set includes one each of P&C numbers 544, 601, 604, 706, 808, 812. Kit is vinyl plastic.

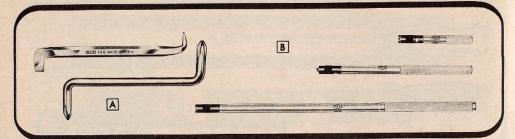
No. 500-A Screwdriver Set Wt. 2.30 lbs.





SCREWDRIVERS





A OFFSET SCREWDRIVERS

Just the thing for working in restricted quarters. Blades at right angles to each other at opposite ends permit screw turning in minimum radius. Heat treated, highly polished and treated for overall rust resistance.

STANDARD TIP-DOUBLE END

	Stock	Overall	
No.	Size	Length	Wt. Lbs.
163	14"	3"	.05
164	14"	434"	.07
165	5/6"	5"	.11
166	36"	61/6"	.19

PHILLIPS CROSS-SLOT TIP - DOUBLE END

No.	Phillips Blade Size	Overall Length	Wt. Lbs.
152	1 & 2	43/4"	.19
153	3 & 4	51/2"	.31

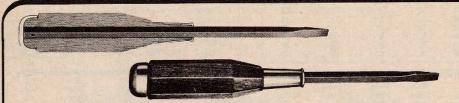
SCREW HOLDING SCREWDRIVERS

Just the thing for those hard to get at places. Holds the screw so you can feed it into position and start it before changing over to a regular screwdriver. Spring loaded to give 5-9 inch-pounds of pressure in the slot. Easily released with a twist of the knurled handle. Light weight and easy to use.

No.	Length	Wt. Lbs.
9851	21/2"	.05
9853	5"	.10
9855	9"	.12

SOCKET SCREWDRIVERS

You can often get the job done faster and easier with a Socket Screwdriver. See pages 31 through



WOOD HANDLE SCREWDRIVERS

P&C Wood Handle Screwdrivers are designed for the toughest of usage. Blade extends the full length of the clear birch handle. A steel pin through the steel handle cap, then the handle and finally the blade extension, welds them all into a solid unit. In addition a steel ferrule protects the blade end of the handle.

STANDARD TIP - SQUARE SHANK

	Stock	Blade	Overall	
No.	Size	Length	Length	Wt. Lbs.
452	1/8"	21/2"	534"	.06
551	3/6"	11/2"	41/2"	.10
553	3/6"	21/2"	6%"	.12
554	3/6"	4"	87/8"	.16
559	3/6"	9"	1314"	.17
654	1/4"	4"	91/8"	.22
660	1/4"	91/2"	141/2"	.30

STANDARD TIP - SQUARE SHANK (Cont'd)

No.	Stock Size	Blade Length	Overall Length	Wt. Lbs.
752		111/6"	6"	.30
756	5/6" 5/6" 5/6"	6"	12"	.42
760	5/6"	10"	16"	.50
858	36"	8"	1413/6"	.78
862	36"	12"	1813/6"	.97
964	7/6"	13%"	221/6"	1.55

PHILLIPS CROSS SLOT

	Phillips	Blade	Overall	Wt. Lbs.
No.	Blade Size	Length	Length	WYT. LDS.
523	1	3"	614"	.08
624	2	4"	87/8"	.18
726	3	6"	12"	.30
828	4	8"	141/2"	.52



KEY RING SCREWDRIVER

Handier than a pocket knife. Fits on key ring or watch chain. Use it to open cans, open doors, emergency repairs. Makes the perfect small gift or business reminder. A good conversation starter.

No.	Bit Width	Length	Wt. Lbs.
400	3/4"	214"	.015

HEX NUT DRIVERS



Tool

Length

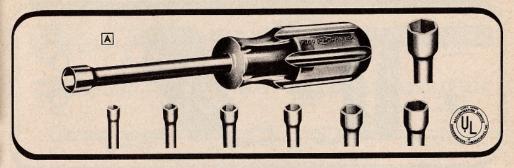
61/8"

67/8"

Lbs.

.16

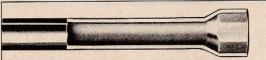
.22



A HEX NUT DRIVERS

The handiest tool you'll ever use on small nuts and in confined places. A must on electronic equipment, instruments, radio and ignition work. Easyon-the-hand fluted handles are color coded by size, are fire and shock resistant.

are fire	and shock i	resistant.			2111	11/32"	Green	67/8"	.22
	Nominal	Handle	Tool	Wt.	2112	36"	Blue	67/8"	.22
No.	Opening	Color	Length	Lbs.	2114	7/6"	Brown	7%6".	.30
2106	3/6"	Black	61/8"	.16	2116	1/2"	Red	7%6"	.30
2107	7/32"	Brown	61/8"	.16	2118	%6"	Orange	7%6"	.33
2108	1/4"	Red	61/8"	.16	2120	₩"	Amber	7%6"	.33



You get greater convenience and more wear from P&C Hex Drivers. Special heat treated shaft is hollow for lighter weight and to allow follow-through tightening on long bolts. Drive openings are precision formed to fit tightly for positive tightening.

Handle

Color

Orange

Amber

Nominal

Opening

32" 5/4"

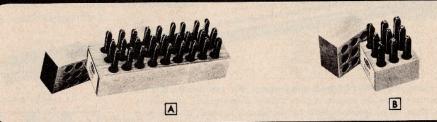
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2109

2110

STEEL LETTERS AND FIGURES





A STEEL LETTERS

The positive way to get permanent tool and part identification on all metals. A very readable gothic face that has been specially hardened and tempered for long life. Six letter sizes to choose from. Sets include all letters and a period.

	Character	Stock	Set
No.	Height	Size	Wt. Lbs.
1541	X6"	1/4" x 23%"	1.38
1542	3/32"	1/4" x 23%"	1.38
1543	1/8"	14" x 238"	1.38
1544	3/6"	%6" x 21/2"	2.50
1545	14"	36" x 21/2"	3.38
1546	3%"	1/2" x 21/8"	6.50

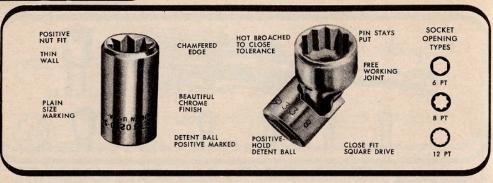
B STEEL FIGURES

Make the job of serial numbering easy and quick. Also permanent. Made of hardened tool steel with deep-etched faces that will last for years. Set includes characters 0 to 8, the 6 doubling for the 9.

	Character	Stock	Set
No.	Height	Size	Wt. Lbs.
1551	1/6"	1/4" x 23/8"	.50
1552	3/0"	1/4" x 2%"	.50
1553	1/6"	14" x 23%"	.50
1554	3/6"	%6" x 21/2"	.88
1555	1/4"	36" x 21/2"	1.13
1556	3/8"	1/2" x 27/8"	2.13



SOCKETS AND ATTACHMENTS



No finer sockets, socket handles and attachments are made than those carrying the P&C label. Each is designed with care to get the job done with greatest ease and efficiency. They are made from special alloy steel, machined to perfection, clearly marked for speedier use and beautifully finished in high-polish chrome.

P&C Sockets have strong, light, thin walls to give remarkable toughness along with small size to go into tight places. Chamfered openings slip on nuts and bolts easily. Detent ball position is clearly marked as is the size of every socket.

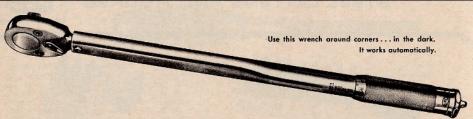
P&C Handles give maximum utility regardless of the type. Ratchet handles work smoothly with minimum reverse drag and completely trouble-free mechanisms. Spinner and speeder handles fit the palm of the hand for greater use comfort.

P&C Attachments make quick work of many tightening jobs. Universal Joints and Universal Sockets work smoothly even at extreme angles. Socket screwdrivers give a positive fit to prevent slot damage. Ratchetors, for converting non-ratcheting handles into a ratcheting device, add to the convenience of many tools and are designed to be easily reversed and smooth to operate.

Available in ¼", ¾", ½", ¾" and 1" square drive sizes plus power and impact styles...there is a P&C Socket or attachment to fit every need.



TORQUE-LIMITING WRENCHES

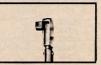


The simple, easy-to-use P&C Torquer is foolproof, safe and versatile. It is the fastest torquer on the market. It gives positive torque-limiting action every time. There are no sounds to listen for and no dials to watch. It resets itself automatically. The all steel construction assures years of trouble-free use. The streamlined design lets it fit into tight spots. The automatic "clicking" signal "talks" to you through the handle. Knurled handle sets easily to the precise ft./lb. or in./lb. torque with easy to read micrometer type settings. Built-in lock holds setting during use. Eight models to pick from in plain or ratchet head.

				Overall	
No.	Drive Size	Type Head	Capacity	Length	Wt. Lbs.
6306	36"	Ratchet	0-80 Ft./lb.	14"	1.44
6308	1/2"	Ratchet	0-80 Ft./lb.	14"	1.50
6315	1/2"	Plain	10-150 Ft./lb.	171/2"	2.31
6316	1/2"	Ratchet	10-150 Ft./lb.	17¾"	2.50
6317	3/4"	Plain	100-500 Ft./lb.	37"	8.75
6318	34"	Ratchet	50-300 Ft./lb.	33"	7.56
6361	14"	Plain	0-150 In./lb.	91/4"	.94
6371	34"	Plain	1200-6000 In./lb.	37"	8.75

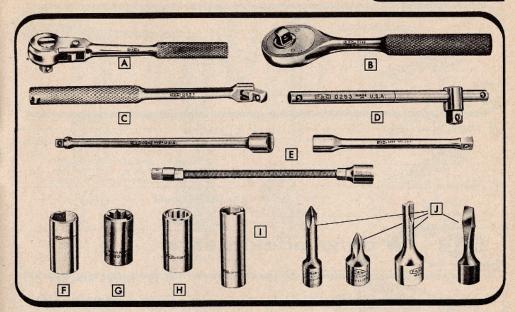
U.S. Patent No. 3,140,623





1/4" DRIVE SOCKETS, HANDLES AND ATTACHMENTS





A REVE	SIBLE RATCH	IEI -SMALL	HEAD -		1000
1	No.	Length		Wt. Lbs.	
	0246*	41/2"		.18	
B REVE	RSIBLE RATCH	ET-CLOSED	HEAD		
	No.	Length		Wt. Lbs.	
	0249	5"		.21	

C HINGE	HANDLE -		
	No.	Length	Wt. Lbs.
	0251	51/2"	.16

D SLIDING-T HANDLE -	0.00	
No.	Length	Wt. Lbs.
0253	41/2"	.08

EXTENSIONS	Length	Wt. Lbs.
0247	31/2"	.06
0248	6"	.10
0262	2"	.04
0263	14"	.15
0265	6" (Flexible)	.08

.No.	Size	Wt. Lbs.
0206	%" %2" ¼"	.02
0207	7/32"	.02
0208	1/4"	.02
0209	%2" %6" 11/32" 34"	.03
0210	76"	.03
0211	11/32"	.03
0212	36"	.04
0214	76"	.05

8-POINT SOCKETS (A	Il %" Length)	
No.	Size	Wt. Lbs.
. 0208-5	14"	.02
.0210-5	%6"	.04
0212-5	36"	.05

No.	Size	Wt. Lbs.
0207-T	7/32" 1/4"	.02
0208-T	14"	.02
0209-T	%"	.02
0210-T	5/6"	.02
0211-T	11/2"	.03
0212-T	3%"	.03
0214-T	%2'' 5'6'' 11'32'' 3'6'' 1'6''	.04
0216-T	1/2"	.05

6-POINT EXTRA	DEEP SOCKETS (All	2" Length)
No.	Size	Wt. Lbs.
0208-L	14"	.04
0209-L	14" %2" 56" 11/32" 36" 16"	.04
0210-L	×6"	.04
0211-L	11/32"	.07
0212-L	3/8"	.09
0214-L	76"	.11

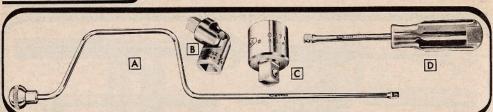
No.	Bit Size	Length	Wt. Lbs.
0235	1/2" Clutch Head	11/2"	.04
0236	36" Clutch Head	11/2"	.04
0237	Phillips No. 1	1"	.02
0237-L	Phillips-No. 1	2"	.03
0238	*Phillips No. 2	1"	.02
0238-L	* Phillips No. 2	2"	.03
0244	3/4" x .030"	134"	.03
0245	¼" x .030"	3"	.06
6535	Two-Prong Special Driver for Chev.		
	Distributor	11/6"	.02

*SEE PRICE LIST FOR REPLACEMENT PARTS

P&C Sockets are clearly size marked for ease and convenience in use.



1/4" DRIVE SOCKETS, HANDLES AND ATTACHMENTS



A	SPEEDER HANDLE-			
[E]	No.	Length	Wt. Lbs.	
4	0280	16"	.40	

R	UNIVERSAL JOINT			
10	No.	Length	Wt. Lbs.	
	0252	114"	.03	

C ADAPTORS			
No.		Length	Wt. Lbs.
0271	%"F x 14"M	15/6"	.03
(Adapts	36" drive handles to	14" drive so	ckets)
0272	14"F x 3%"M	15/6"	.05
(Adapts	1/4" drive handles to	36" drive so	ockets)

	SPINNER HANDL			Mary James	
D SPINNER	No.	Length	Wt. Lbs.		
		0259	6"	.14	

PaC

1/4" DRIVE SOCKET SETS



Set No. 0200C



Set No. 0200F

1/4" DRIVE SOCKET SETS

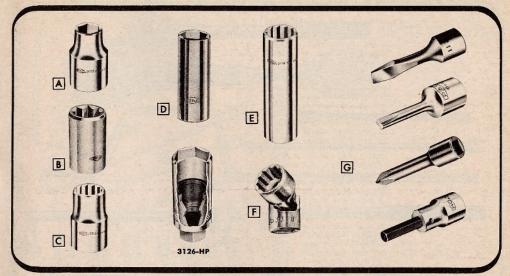
	74 DRI	**	300	KEI	JE I.
No.	Description	Set No. 0200A	Set No. 0200C	Set No. 0200D	Set No 0200F
0206	Regular Socket, 6 pt. 36"			X	X
0207	Regular Socket, 6 pt. 1/32"	X	X	X	X
0208	Regular Socket, 6 pt. 1/4"	X	X	X	X
0209	Regular Socket, 6 pt. 32"	X	X	X	X
0210	Regular Socket, 6 pt. 1/6"	X	X	X	X
0211	Regular Socket, 6 pt. 11/32"	X	X	X	X
0212	Regular Socket, 6 pt. 36"	X	X	X	X
0214	Regular Socket, 6 pt. 1/6"	X	X	X	X
0216-T	Regular Socket, 12 pt. 1/2"			X	
0208-L	Deep Socket, 6 pt. 1/4"			X	
0209-L	Deep Socket, 6 pt. 32"			X	
0210-L	Deep Socket, 6 pt. 3/6"			X	
0211-L	Deep Socket, 6 pt. 11/32"			X	
0212-L	Deep Socket, 6 pt. %"			X	
0214-L	Deep Socket, 6 pt. 1/6"			X	
0208-5	Regular Socket, 8 pt. 1/4"	X	X	X	X
0210-5	Regular Socket, 8 pt. 1/6"	X	X	X	X
0212-5	Regular Socket, 8 pt. 36"			X	X
0237	Phillips No. 1 Socket				
	Screwdriver		100	X	
0238	Phillips No. 2 Socket Screwdriver			x	
0244	Screwdriver, 3/6" x .030"			x	
0245	Screwdriver, 1/4" x .030"			x	
0246	Reversible Ratchet		x	x	x
0247	Extension, 3½"			x	X
0248	Extension, 6"			x	X
0251	Hinge Handle, 5½"			x	x
0252	Universal Joint, 114"			X	
0252	Sliding T-Handle, 41/2"	X	X	x	
0259	Spinner Handle, 6"	x	x	x	
0265	Flexible Extension, 6"			x	
4795-P	Molded Plastic Box of	23.1.4		^	
4/73-P	Polyprolene, 6%"x3"x1%	" X	X		X
4796	Metal Box, 12" x 31/2" x 11/8		2014	X	+
4795	Metal Box, 6¾" x			1	100
	3"x 11/4"				
T	when into the most leasure	J _L	116-41	-1	

To get above sets in metal instead of lifetime plastic, order 0200AM, 0200CM, 0200FM.

Weight of sets in plastic box 1.00 1.16 2.93 1.90

3/8" DRIVE SOCKETS, HANDLES AND ATTACHMENTS





6-POINT SO			
No.	Opening Size	Length	Wt. Lbs.
3010-H	5/6"	1"	.04
3012-H	3/8"	1"	.04
3014-H	1/6"	1"	.04
3016-H	1/2"	1"	.04
3018-H	%6"	1"	.05
3020-H	₩"	1"	.07
3022-H	11/16"	11/6"	.10

No.	Opening Size	Length	Wt. Lbs.
3008-5	1/4"	1"	.04
3009-5*	%2"	15/6"	.04
3010-5	5/6"	11/6"	.04
3012-5	3/8"	11/16"	.06
3014-5	76"	11/6"	.07
3016-5	1/2"	11/6"	.10

torque converter.

12-POINT	SOCKETS -		4 9
No.	Opening Size	Length	Wt. Lbs.
3010	5/6"	1"	.04
3012	36"	1"	.04
3014	7/6" 1/2"	1"	.04
3016	1/2"	1"	.04
3018	9/6" 19/" 32 5%"	1"	.05
3019	19/32"	1"	.06
3020	56"	1"	.07
3022	11/6"	11/6"	.10
3024	3/4"	11/6"	.13
3026	13/6"	13/6"	.15
3028	11/6" 34" 13/6" 78"	11/6" 11/6" 13/6" 13/6"	.17

No.	Opening Size	Length	Wt. Lbs.
3112-H	36"	21/8"	.10
3114-H	%6" 1/2"	21/8"	.10
3116-H		21/8"	.12
3118-H	%6" %"	21/8"	.14
3120-H	56"	21/8"	.16
3122-H	13/6"	21/8"	.21
3126-HP*	13/6"	21/2"	.28

E 12-POINT	EXTRA DEEP SO	CKETS -	
No.	Opening Size	Length	Wt. Lbs.
3112	36"	21/8"	.10
3114	7/6"	21/8"	.10
3116	1/2"	21/8"	.10
3118	%6" 5%"	21/8"	.12
3120	% "	21/8"	.15
3122	11/16"	21/8"	.18
3124	3/4"	21/8"	.20
3126	13/6" 7/8"	2%"	.28
3128	7/a"	23%"	.28

F 12-POINT	UNIVERSAL SOCKETS					
No.	Opening Size	Length	Wt. Lbs.			
3312	36"	11/2"	.10			
3314	7/6"	11/2"	.10			
3316	1/2"	11/2"	.10			
3318	%6" %"	13/4"	.11			
3320	₹8′′	134"	.12			
3322	11/6"	17/8"	.13			
3324	3/4"	2"	.15			

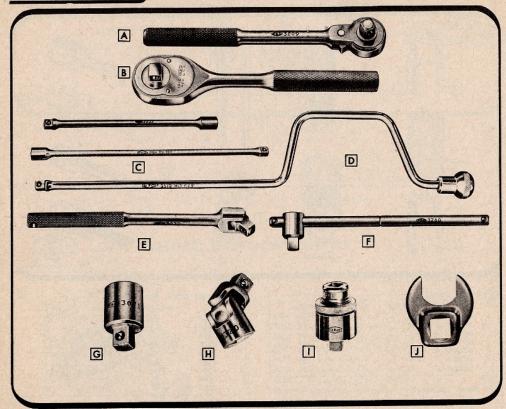
G SCR	EWDR	VER SOCKETS			
- 1	lo.	Description	Size	Length	Wt. Lbs.
307	5	Regular Type.	11/6"	1"	.08
321	1	Regular Type	3/6"	21/2"	.08
323	5	Clutch Head	1/4"	2"	.08
323	6	Clutch Head	3/6"	2"	.08
323	7	Clutch Head	3/8"	2"	.08
324	1	Phillips	No. 2	156"	.05
324	2	Phillips	No. 3	1%"	.05
324	3	Phillips	No. 4	156"	.06
324	6	Regular Type	1/4"	17/8"	.06
	0-1/8"	Hollow Head Screws		2"	.05
	0-3/2"	Hollow Head Screws		2"	.06
	0-3/6"	Hollow Head Screws	3/6"	2"	.06
	0-1/6"L*	Hollow Head Screws		3"	.07
	0-1/32"	Hollow Head Screws		21/8"	.08
	0-14"	Hollow Head Screws	1/4"	21/8"	.09
	0.14"L†	Hollow Head Screws		2%"	.10
	0.5/6"	Hollow Head Screws	3/16"	21/4"	.11
	0.38"	Hollow Head Screws		21/4"	.13
329	0-%"L‡	Hollow Head Screws	36"	315/6"	.14
*	or GM	Automatic Transmission	ons.		

For Chevrolet Camber Adjustment. ‡For Ford brakes and Ford, Edsel, Mercury differential filler plugs.



3/8" DRIVE SOCKETS, HANDLES AND ATTACHMENTS





A REVERSIBLE RATCHET-SMALL HEAD Small, narrow-head design. Exposed reversing dog.

No. Length Wt. Lbs. 3209 71/4"

B REVERSIBLE RATCHET-CLOSED HEAD

3206

Completely enclosed head. Keeps ratcheting and reversing mechanism free of dirt.

Wt. Lbs. No. Length 3210* .55

55

C **EXTENSIONS** No. Length Wt. Lbs. 3201 134" .09 3202 31/2" .13 3203 .25 121/2" .38 3205 181/2"

D SPEEDER HANDLE No. Length Wt. Lbs. 3215 18" .83

HINGE HANDLE Wt. Lbs. No. Length 3230 .35 71/2" .83 3231

*See price list for individual replacement parts.

SLIDING T-HANDLE-

No. Length Wt. Lbs. 3260 .35

G ADAPTORS

Wt. Lbs. Length No. 136" 3071 1/2"F x 3%"M .13 (Adapts 1/2" handles to 36" drive sockets) 3072 %"F x 1/2"M 11/8" .10 (Adapts %" handles to 1/2" drive sockets)

H UNIVERSAL JOINT No. Length

Wt. Lbs. 3208 134" .10

RATCHETOR .

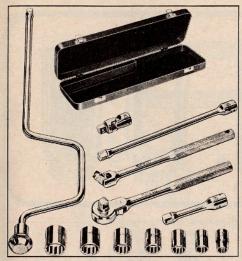
Converts any non-ratcheting handle into a reversible ratcheting device.

> Wt. Lbs. No. Length .33 3247 2"

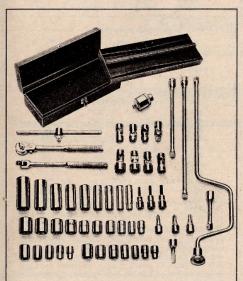
OW TOOT WINEHOUSE J

3/8" DRIVE SOCKET SETS





Set No. 3000K



Set No. 3000G

		Set No.	Set No.	Set No.	Set No
No.	Description	3100A	Set No. 3000G	3000K	3000N
3012	Regular Socket, 12-pt. 3/8"		X	X	X
3014	Regular Socket, 12-pt. 16"		X	X	X
3016	Regular Socket, 12-pt. 1/2"		X	X	X
3018	Regular Socket, 12-pt. 16"		X	X	X
3019	Regular Socket, 12-pt. 19/32"		X		
3020	Regular Socket, 12-pt. %"		X	X	X
3022	Regular Socket, 12-pt. 11/6"		X	X	X
3024	Regular Socket, 12-pt. 34"		X	X	X
3026	Regular Socket, 12-pt. 13/6		X		
3028	Regular Socket, 12-pt, 78"		X		
	Regular Socket, 6-pt. 16"		X		
	Regular Socket, 6-pt. 36"		X		
	Regular Socket, 6-pt. 1/6"		X		
3016-H	Regular Socket, 6-pt. 1/2"		X		
3018-H	Regular Socket, 6-pt. %6"		X		
3020-H	Regular Socket, 6-pt. %"		X		
3022-H	Regular Socket, 6-pt. 11/6"		X		
3008-5	Regular Socket, 8-pt. 1/4"		x		
3010-5	Regular Socket, 8-pt. %"		x		
	Regular Socket, 8-pt. 36"		x		
	Regular Socket, 8-pt. 1/6"	MAN THE	x		
3014-5	Regular Socker, 6-pt. 76		x		
3112	Regular Socket, 8-pt. 1/2"	X	x		100
	Deep Socket, 12-pt. 36"	x	x		
3114	Deep Socket, 12-pt. 16"				
3116	Deep Socket, 12-pt. 1/2" Deep Socket, 12-pt. 1/6"	X	X	• •	• •
3118		X	X		
3120	Deep Socket, 12-pt. 36"	X	X		
3122	Deep Socket, 12-pt. 1/16"	X	X		
3124	Deep Socket, 12-pt. 34"	X	X		
3126	Deep Socket, 12-pt. 13/6"	X	X		
3128	Deep Socket, 12-pt. 78"	X	X		
5096	Metal Tray	X		• • •	
3202	Extension, 3½"		X	X	X
3203	Extension, 8"		X	X	
3205	Extension, 121/2"		X		
3208	Universal Joint, 1¾"		X	X	
3209	Reversible Ratchet, 714"		X	X	X
3215	Speeder Handle		X	X	
3230	Hinge Handle		X	X	X
3241	No. 2 Phillips Screwdriver		X		
3242	No. 3 Phillips Screwdriver		X		
3243	No. 4 Phillips Screwdriver		X		
3246	Socket Screwdriver,				
	¼" x .030"	THE	X		
3247	Ratchetor, 2"	7	X		
3260	Sliding T-Handle		X		
3290-3	" Hollow Hd. Screw Socket		X		
3290-7	" Hollow Hd. Screw Socket		X		
	" Hollow Hd. Screw Socket		X		
3312	Universal Socket, 12-pt. 36"		X		-
3314	Universal Socket, 12-pt. 16		X	-	55.
3316	Universal Socket, 12-pt. 1/2"		X		A
3318	Universal Socket, 12-pt. %6		X	300	
3320	Universal Socket, 12-pt. %"		X	THE PARTY	
3322	Universal Socket, 12-pt. 1/16	"	X	Serie .	10000
3324	Universal Socket, 12-pt. 34"		X	1	
5295	Metal Box			X	X
5296	Metal Box	1	X	Section 1	
3270	Wt. Lbs	2.02	17.50	4.90	3.70
THE REAL PROPERTY.	T 1 2000K 31		and a N	- 2004	VVV

Note: To order set 3000K without box order No. 3000KK. To order set 3000G without box order No. 3000GG.

3000-A HOLLOW HEAD SCREW SOCKET SET

No.	Description
3290-1/8"	36" drive, 16" bit size
3290-50"	%" drive, 32" bit size
3290-16"	36" drive, 316" bit size
3290-1/2"	36" drive, 1/32" bit size
3290-14"	36" drive, 1/4" bit size
3290-1/6"	36" drive, 56" bit size
3290-%"	36" drive, 36" bit size
6290-1/2"	1/2" drive, 1/2" bit size
6290-%6"	1/2" drive, %6" bit size
6290-%"	1/2" drive, 1/8" bit size
4997	Metal Tray



Set No. 3000A

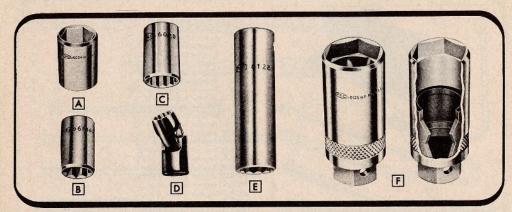
88888

Wt. Lbs. 2.40

36 Pag

1/2" DRIVE SOCKETS





No.	Opening Size	Length	Wt. Lbs.
6012-H	3%"	136"	.09
6014-H	1 1/6"	136"	.10
6016-H	1/2"	136"	.10
6018-H	%6" %6"	136"	:10
6020-H	56"	136"	.11
6022-H	11/6"	136"	.12
6024-H	34"	136"	.13

No.	Opening Size	Length	Wt. Lbs.
6012-5	3/8"	136"	.13
6014-5	76"	1%"	.13
6016-5	1/2" 9/6" 96"	136"	.13
6018-5	%6"	1%"	.18
6020-5	56"	17/6"	.18
6022-5	11/6"	11/2"	.25
6024-5	3/4"	1%6"	.36
6026-5	13/6"	1%6"	.39
6028-5	7/8"	1%6"	.45
6032-5	1"	134"	.76

No.	Opening Size	Length	Wt. Lbs.
6012	34"	136"	.10
	78	136"	.10
6014	7/6" 1/2"		
6016	1/2"	136"	.10
6018	76"	136"	.10
6019	19/32"	136"	.13
6020	%6" 19/32" 5%"	136"	.13
6021	21/32"	136"	.13
6022	11/4"	136"	.13
6024	3/4"	7%"	.15
6025	21/32" 11/6" 34" 25/32" 13/6"	136"	.18
6026	13/4"	136"	.20
6028	78"	136"	.23
6029	29/32" 15/6"	136"	.25
6030	15/."	11/2"	.28

C 12-POINT SO	31/11	11/2"	.28	
6031	31/32"			
6032	1"	11/2"	.33	
6034	11/6"	1%6"	.38	
6036	11/8"	1%"	.40	
6038	13/6"	111/16"	.45	
6040	11/4"	134"	.65	

D 12-POINT U	NIVERSAL SOCKI	ETS -	
No.	Opening Size	Length	Wt. Lbs.
6016-K	1/2"	2%4"	.25
6018-K	%6"	21/64"	.24
6020-K	₩"	21%4"	.25

E 12-POINT EX	CTRA DEEP SOC	KETS -	
No.	Opening Size	Length	Wt. Lbs.
6116	1/2"	314"	.23
6118	%6"	3¼"	.23
6120	5%"	314"	.23
6122	11/6"	3¼"	.25
6124	11/16" 34"	31/4"	.30
6126	13/6" 7%"	3¼"	.35
6128	7/8"	314"	43
6130	15/6"	3¼"	.45
6132	1"	314"	.50
6134	11/6"	31/4"	.63
6136	11/8"	31/4"	65
6140	1¼"	314"	.92

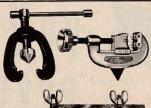
F SPECIAL SPARK PLUG SOCKET

Synthetic rubber insert (see cutaway view) holds spark plugs securely in socket for installation or removal, prevents breakage, speeds work and helps get into hard to reach places; prevents burning fingers on hot manifolds. Hex opening for greater strength.

No. Opening Size Length Wt. lbs.

13/6"





TUBE CUTTING AND FLARING KIT

6126-HP

Everything you need to cut and flare thin wall tubing up to 1½". Cutter has retractable reamer blade and heat-treated, replaceable alloy steel cutting wheel. Also has special flare-cut-off rollers. Flaring tool handles tubing from 3/16" through ½". Silp-on yoke is easy opening and closing. Flare forming cone rides on ball bearing. Metal storage box.

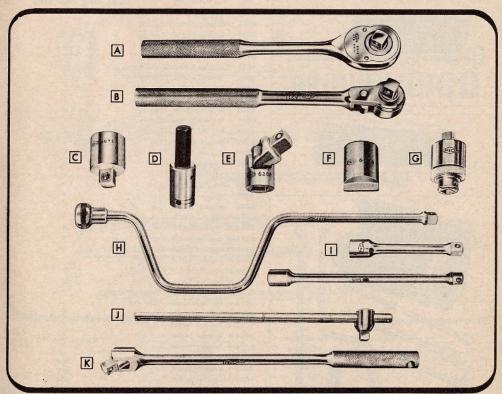
21/2"

.28

Conc	rides on ban bearing, meets bearage	
No.	ltem	Wt. Lbs.
349	Tube Cutting and Flaring Kit, complete With Box No. 4029	3.30
350	Tube Cutter only	.75
351	Tube Flaring Tool only	1.90

1/2" DRIVE SOCKETS, HANDLES AND ATTACHMENTS





A RATCHET - CLOSED HEAD

Completely enclosed head. Keeps ratcheting and reversing mechanism free of dirt.

No. *6210 Length 10" Wt. Lbs. 1.28

B RATCHET - SMALL HEAD

*6212

Narrow head design fits in smaller places. Exposed reversing dog works easily.

No. Length

Length Wt. Lbs. 101/4" 1.20 16" 1.80

C ADAPTOR

D HOLLOW HEAD SCREW SOCKETS

No.	Hex. Bit Size	Length	Wt. Lbs.
6290-1/2	1/2"	31/8"	.37
6290-%	%6"	336"	.48
6290-%	56"	3%"	.52

E UNIVERSAL JOINT

No.	Length	Wt. Lbs.	
6208	25/16"	.23	

*See Price List for Replacement Parts

-		 1	AVE AND AND ADDRESS.	

SCREWDRIN	ER JOCKETS		
No.	Bit Size	Length	Wt. Lbs.
6075	¾" x .115"	114"	.14
6076	15/6" x .154"	114"	.20

G RATCHETOR

A handy tool in any tool box. Makes any nonratcheting handle a handy ratcheting tool.

No.	Length	Wt. Lbs.
6247	2%6"	.73

H SPEEDER HANDLE

No.	Length	Wt. Lbs.	
6215	18"	1.43	

EXTENSIONS

- rvi	FIASIOIAS			
	No.	Length	Wt. Lbs.	
	6202	21/2"	.24	
	6203	5"	.40	
	6205	10"	.65	
	6206	18"	1.10	

J SLIDING T-HANDLE

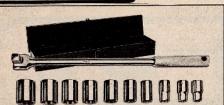
No.	Length	Wt. Lbs.	
6265	13"	1.30	

HINGE HANDLE

K HIN	GE HANDLE-			
	No.	Length	Wt. Lbs.	
	6230	11"	1.08	
	6235	15"	1.56	
	6238	18"	1.70	



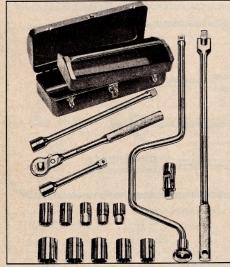
1/2" DRIVE SOCKET SETS



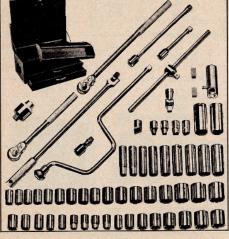
Sat No. 4000.C



Set No. 6100-A



Set No. 6000K

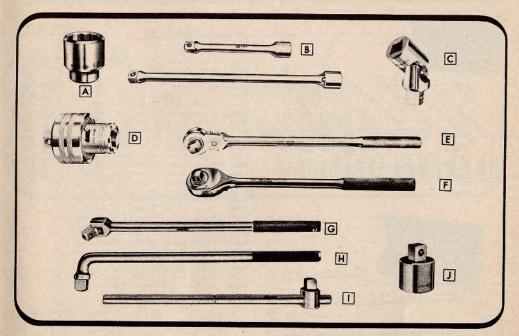


Set No.	6000E
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No.	Description	Set No.	Set No. 6000K	Set No. 6000E	Set No. 6100A
4515	Stud Remover	2003, Te		X	
6012	Regular Socket, 12-pt. %"			X	
6014	Regular Socket, 12-pt. 1/6"	X	X	X	
6016	Regular Socket, 12-pt. 1/2"	x	X	X	
6018	Regular Socket, 12-pt. 16"	X	X	X	
6019	Regular Socket, 12-pt. 132"			X	
6020	Regular Socket, 12-pt. %"	X	X	X	
6022	Regular Socket, 12-pt. 1/6"	X	X	X	
6024	Regular Socket, 12-pt. ¾"	X	X	X	
6025	Regular Socket, 12-pt. 25/32"			X	
6026	Regular Socket, 12-pt. 13/6"	X	X	X	
6028	Regular Socket, 12-pt. %"	X	X	X	
6029	Regular Socket, 12-pt. 29/32"		1	X	
6030	Regular Socket, 12-pt. 15/16"		X	X	
6032	Regular Socket, 12-pt. 1"	X	X	X	
6034	Regular Socket, 12-pt. 11/6			X	
6036	Regular Socket, 12-pt. 11/6"			X	
6038	Regular Socket, 12-pt. 13/6		and the	X	
6040	Regular Socket, 12-pt. 11/4"		•••	X	
	Regular Socket, 6-pt. 36"			X	4.11
	Regular Socket, 6-pt. 1/6"			X	
	Regular Socket, 6-pt. 1/2"			X	
	Regular Socket, 6-pt. 1/6"			X	
	Regular Socket, 6-pt. %"			X	
	Regular Socket, 6-pt. 1/16"		10 m	X	100
	Regular Socket, 6-pt. 34"			. X	
	Universal Socket, 12-pt. 12			x	
	Universal Socket, 12-pt. %		400	x	
	Universal Socket, 12-pt. %' Regular Socket, 8-pt. %"			x	
6012-5				x	
6014-S 6016-S				x	
6018-5	THE RESIDENCE OF THE PROPERTY OF THE PARTY O			x	
6020-5				X	
6022-5	The state of the s			X	
6024-5			a Company of	X	and the same of
6026-5				X	
6028-5	Regular Socket, 8-pt. 76"	明明的時		X	
6032-5	Regular Socket, 8-pt. T"			X	
6076	Drag Link Socket			X	
6116	Deep Socket, 12-pt. 1/2"	4.7		X	X
6118	Deep Socket, 12-pt. %6"			X	X
6120	Deep Socket, 12-pt. %"			X	X
6122	Deep Socket, 12-pt. 1/6"			X	X
6124	Deep Socket, 12-pt. 34"			X	X
6126	Deep Socket, 12-pt. 136"		D	X	X
6128	Deep Socket, 12-pt. %"			X	X
6130	Deep Socket, 12-pt. 15/16"	777		X	X
6132	Deep Socket, 12-pt. 1"	1000		X	X
6134	Deep Socket, 12-pt. 11/6"			X	X
6136	Deep Socket, 12-pt. 11/6"			X	X
6202	Extension, 2½"			X	
6203	Extension, 5"		X	X	
6205	Extension, 10"	6	X	X	••
6208	Universal Joint, 25/6"		X	X	
6211	Reversible Ratchet, 10¼"		X	X	
6212	Reversible Ratchet, 16"		.:	X	
6215	Speeder Handle		X	X	Mark To
6235	Hinge Handle, 15"	X			-
6238	Hinge Handle, 18"		X	X	4000
6247	Ratchetor		••	X	
6265	Sliding T-Handle			X	
5393	Metal Tray		•		X
5494	Metal Box	X		-	
5497	Metal Box		X	X	**
9991	Metal Box ote: To order set 6000E with				000
No	ite: 10 order set oudur with	OUI DOX	order	140. 00	

3/4" DRIVE SOCKETS, HANDLES AND ATTACHMENTS





A 12-POINT	SOCKETS —			
No.	Opening Size	Length	Wt. Lbs.	
9328	7/8"	2"	.35	
9330	15/16"	2"	.40	
9332	1"	2"	.43	
9334	11/6"	2"	.48	
9336	11/6"	21/8"	.53	
9338	13/6"	21/8"	.58	
9340	114"	21/8"	.70	
9342	15/6"	21/8"	.70	
9344	13%"	21/4"	.73	
9346	17/6"	21/4"	.80	
9348	11/2"	21/4"	.85	
9350	1%6"	23/8"	.90	
9352	1%"	236"	1.05	
9354	111/6"	21/2"	1.35	
9356	134"	21/2"	1.45	
9358	113/6"	2%"	1.80	
9360	1%"	258"	1.90	
9364	2"	23/4"	2.13	
9368	21/8"	23/4"	2.45	
9370	23/16"	31/4"	3.25	
9372	21/4"	3%"	3.50	
9376	2%"	35%"	3.62	

B	EXTENSIONS -			
	No.	Length	Wt. Lbs.	
	9203	5"	1.05	
	9204	8"	1.43	
1	9206	16"	2.30	

C	UNIVERSAL JOINT-		
	No.	Length	Wt. Lbs.
	9208	3¾"	1.00

0			drive non-ratcheting Easily reversed. Fully
	No.	Length	Wt. Lbs.
	9247	313/6"	2.35

E	REVERSIBLE	RATCHET -	SMALL	HEAD_

Small head lets you get into tight places. Easily reversible. Powerful, positive, built to really take hard usage.

No.	Length	Wt. Lbs.
9209	20"	4.00

F REVERSIBLE RATCHET - CLOSED HEAD

Has minimum reverse drag. All closed head keeps out dirt for many years of trouble-free use. Easily reversed with a flip of the finger. Works in very short arc.

No.	Length	Wt. Lbs.	
	9211	20"	6.20
0003-0			

G HINGE	HANDLE-			
	No.	Length	Wt. Lbs.	
	9238	20"	3.20	

H	L-HANDLE-			
	No.	Length	Wt. Lbs.	
	9255	171/2"	2.35	

SLIDING T-HANDLE -			
No.	Length	Wt. Lbs.	
9265	18"	2.73	

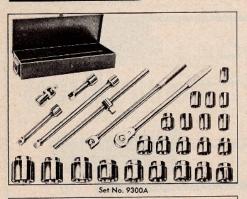
J	ADAPTORS-		second final second	
	No.		Length	Wt. Lbs.
	9071	1"F x 34"M	21/2"	1.10
	(Ada	pts. 1" attachment to	34" drive sock	ets)
	9072	34"F x 1M"	21/4"	.58
	(Ada	pts ¾" attachment to	1" drive sock	ets)

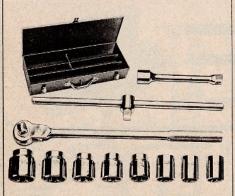
P&C...Quality Tools for Building America!



3/4" DRIVE SOCKET SETS







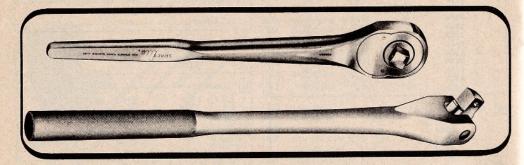
Set No. 9300NR

No.	Description		Set No 9300NI
9203	Extension, 5"	X	
9204	Extension, 8"	X	X
9206	Extension, 16"	X	
9208	Universal Joint, 3%"	X	
9209	Reversible Ratchet, 20"	X	X
9238	Hinge Handle	X	75
9265	Sliding T-Handle	X	X
9328	Regular Socket, 12-point, 7/8" opening	X	
9330	Regular Socket, 12-point, 15/6" opening	X	
9332	Regular Socket, 12-point, 1" opening	X	
9334	Regular Socket, 12-point, 11/6" opening	X	X
9336	Regular Socket, 12-point, 11/8" opening	X	X
9338	Regular Socket, 12-point, 13/6" opening	X	
9340	Regular Socket, 12-point, 114" opening	X	X
9342	Regular Socket, 12-point, 11/6" opening	X	X
9344	Regular Socket, 12-point, 136" opening	X	
9346	Regular Socket, 12-point, 11/16" opening	X	X
9348	Regular Socket, 12-point, 11/2" opening	X	X
9350	Regular Socket, 12-point, 1%6" opening	X	
9352	Regular Socket, 12-point, 1%" opening	X	X
9354	Regular Socket, 12-point, 11/16" opening	X	
9356	Regular Socket, 12-point, 134" opening	X	X
9358	Regular Socket, 12-point, 113/6" opening	X	
9360	Regular Socket, 12-point, 1%" opening	X	
9364	Regular Socket, 12-point, 2" opening	X	
9368	Regular Socket, 12-point, 21/8" opening	X	
9370	Regular Socket, 12-point, 23/16" opening	X	
9372	Regular Socket, 12-point, 21/4" opening	X	53.00
9376	Regular Socket, 12-point, 2%" opening	X	
5695	Metal Box, 221/4" x 8" x 31/4"		X
5696	Steel Box, 231/2" x 91/4" x 4"	X	
	Wt. Lbs.	75.00	20.00

Note: To order Set No. 9300A without box order 9300AA. Weight 66.00 lbs.



SPACELITE ALUMINUM



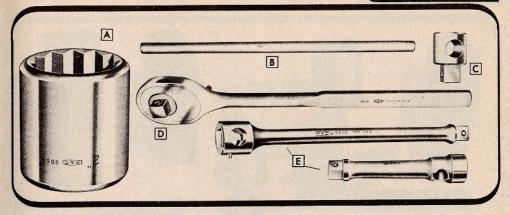
SPACELITE ALUMINUM RATCHET AND HINGE HANDLES

43% lighter than steel! Yet torque performance exceeds Federal specifications for steel ratchets and equals them in strength. Less fatigue. Handle designed for firm, comfortable grip. Strong, dependable alloy steel reversible ratchet mechanism and drive.

No.	Description	Drive	Length	Wt. Lbs.
9210	Ratchet	34"	1934"	3.50
9237	Hinge Handle	3/4"	211/2"	2.75
9537	Hinge Handle	1"	26"	5.75

1" DRIVE SOCKETS, ATTACHMENTS





P&C 1" Drive Sockets and attachments are built for the ruggedest of usage. Made of the finest special analysis steel to reduce weight-adding metal. Sockets lock to handles by use of a spring-pellet that snaps into a hole provided. This acts as a retaining pin. A great safety factor. To release just push pin provided in the socket.

No.	Opening Size	Length	Wt. Lbs.
9552	1%"	31/4"	1.73
9558	113/6"	35/6"	1.85
9560	17/8"	3%"	1.94
9564	2"	37/6"	2.20
9570	23/6"	3¾"	3.10
9572	21/4"	313/6"	3.40
9576	236"	315/6"	3.90
9580	21/2"	4"	4.60
9582	2%6"	4"	4.90
9584	25%"	41/8"	5.20
9588	2¾"	436"	6.20
9594	215/6"	45%"	7.70
9596	3"	4%"	7.90
9600	31/4"	47/8"	9.60
9612	31/2"	51/2"	15.00



Set No. 9500-B

B CROSS BAR -	internation (Kariba)	
No.	Length	Wt. Lbs.
9501	24"	5.30
C SLIDING HEAD (Fo	r 9501 Bar) —	
No.	Length	Wt. Lbs.
9565	3"	1.48
D RATCHET		
No.	Length	Wt. Lbs.
9509	26"	12.00
E EXTENSIONS		201.X1053
No.	Length	Wt. Lbs.
9504	8"	3.60

18"

6.00

1" DRIVE SOCKET SETS

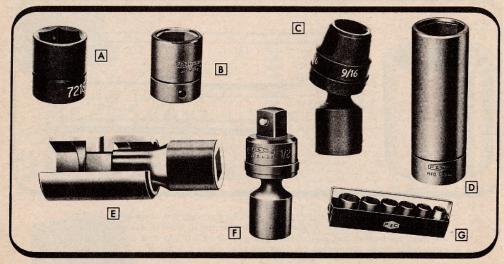
9506

No.	Description	Set No. 9500-B	Set No. 9500-O
9501	Cross Bar, 1" diameter, 24" length	X	X
9504	Extension, 9"	X	X
9506	Extension, 18"	X	
9509	Reversible Ratchet	X	X
9565	Sliding Head	X	X
9552	Regular Socket, 12-point, 156" opening	X	
9558	Regular Socket, 12-point, 113/6" opening	X	X
9560	Regular Socket, 12-point, 1%" opening	X	
9564	Regular Socket, 12-point, 2" opening	X	X
9570	Regular Socket, 12-point, 236" opening	X	X
9572	Regular Socket, 12-point, 21/4" opening	X	
9576	Regular Socket, 12-point, 2%" opening	X	X
9580	Regular Socket, 12-point, 21/2" opening	X	
9582	Regular Socket, 12-point, 2%6" opening	X	
9584	Regular Socket, 12-point, 2%" opening	X	
9588	Regular Socket, 12-point, 234" opening	X	X
9594	Regular Socket, 12-point, 215/16" opening	X	
9596	Regular Socket, 12-point, 3" opening	X	
9600	Regular Socket, 12-point, 31/4" opening	X	
9612	Regular Socket, 12-point, 31/2" opening	X	
5894	Metal Box, 30" x 81/4" x 5"	200	X
5895	Metal Box, 30" x 121/2" x 51/2"	X	
	Wt. Lbs.	150	60

All P & C Tools are size marked to speed use on the job.



POWER AND IMPACT SOCKETS



P&C Power and Impact Sockets are rugged, tough, designed to take long-time hard usage. They are made from special analysis tool steel. All points of strain are "beefed up." Finish is black oxide and lacquered. All P&C Power Sockets are exclusive Dyna-Ring for longer life.

3/8" DRIVE POWER SOCKETS

No.	Opening Size	Bolt Depth	Total Length	Wt. Lbs.
7210-H	5/4"	11/32"	15/6"	.07
7212-H	5/6" 3%"	11/32"	15/6"	.05
7214-H	7/6"		15/16"	.05
7216-H	7/6" 1/2"	1/4"	15/6"	.06
7218-H	%6" %"	76"	15/6"	.07
7220-H	56"	7/6"	15/6"	.10
7222-H	11/16"	%6" %6" %6" %6" %6"	1"	.16
7224-H	34"	%6"	1"	.21

1/2" DRIVE POWER SOCKETS

6-POINT SOC	Opening	Bolt	Total	
No.	Size	Depth	Length	Wt. Lbs.
7412-H*	36"	%6"	11/2"	.13
7414-H*	76"	%6"	11/2"	.14
7416-H*	V2"	%6"	11/2"	.17
7418-H*	%6"	23/32"	11/2"	.17
7420-H	56"	3/4"	11/2"	.17
7422-H	11/6"	3/4"	11/2"	.22
7424-H	3/4"	13/6"	11/2"	.26
7426-H	13/6"	13/6"	11/2"	.38
7428-H	7/8"	27/32"	11/2"	.31
7430-H	15/6"	7/8"	134"	.45
7432-H	1"	1"	134"	.48
7434-H	11/6"	114"	2"	.55
7436-H	11/8"	114"	2"	.66
7438-H	13/6"	114"	2"	.71
7440-H	11/4"	11/4"	2"	.79

<u> </u>	No.	Opening Size	Bolt Depth	Total Length	Wt. Lbs.
	7474	76"	76"	21/2"	.35
	7475	1/2"	1/2"	21/2"	.35
	7476	%6"	%6"	2%6"	.36
	7477	96"	%6"	2%6"	.36
	7478	11/6"	%6" %6" %6"	2%"	.36
	7479	3/4"	56"	2%"	.36

D 6-POINT DEEP LENGTH SOCKETS -

	Opening	Bolt	Total	
No.	Size	Depth	Length	Wt. Lbs.
7312-H	36"	2%6"	31/4"	.33
7314-H	1/6"	2%6"	31/4"	.33
7316-H	1/2"	2%6"	31/4"	.31
7318-H	%6"	2%6"	31/4"	.37
7320-H	56"	2%6"	31/4"	.36
7322-H	11/6"	2%6"	31/4"	.41
7324-H	3/4"	2%6"	31/4"	.59
7326-H	13/6"	2%6"	31/4"	.56
7328-H	7/8"	2%6"	31/4"	.62
7330-H	15/6"	234"	31/2"	.86
7332-Н	1"	234"	31/2"	.90
7334-H	11/6"	234"	31/2"	1.00
7336-H	11/8"	234"	31/2"	1.02
*57336-H	11/8"	5"	534"	1.76

*(This special socket has been designed for use on the spindle nut of cotton picking machines.)

E WHEEL LUG SOCKET WRENCH-

Fits 85% of all cars. Has $\frac{34}{7}$ and $\frac{13}{16}$ openings on opposite ends of the socket with $\frac{12}{2}$ square drive in the center. Snap-out extension adapts socket to standard $\frac{12}{2}$ drive impact gun.

No. Description Wt. Lbs.
7402W Wheel Lug Socket Set .75
(7401 Socket only. 7182-P Extension only)

F UNIVERSAL JOINT-

No.	Description	Wt. Lbs.	
7470	Universal Joint—Ball Type	.38	

G 1/2" DRIVE POWER SOCKET SET #7400D-

No.	Description
7416-H	Regular Socket, 6-point, 1/2" opening
7418-H	Regular Socket, 6-point, %6" opening
7420-H	Regular Socket, 6-point, %" opening
7422-H	Regular Socket, 6-point, 1/16" opening
7424-H	Regular Socket, 6-point, 34" opening
7426-H	Regular Socket, 6-point, 13/6" opening
9974	Metal Tray with handle lock
	Wt. Lbs. 1.70

POWER AND IMPACT SOCKETS P&C 43













E

CF

D

DYNA-RING®

ADDS LIFE TO P&C SOCKETS



Exclusive design feature that adds amazing life to power sockets. Distributes the impact force away from the corners and minimizes splitting. Tested under the severest dynamic strain to assure you the Best Money Can Buy.

34" DRIVE IMPACT SOCKETS

A 4-POINT SO	KEI	1.57 17 20 20 20		
	Opening	Bolt	Total	
No.	Size	Depth	Length	Wt. Lbs.
*07513-55	13/6"	11/6"	27/6"	.82

	Opening	Bolt	Total	
No.	Size	Depth	Length	Wt. Lbs
07509	%6"	3/4"	17/8"	.67
07510	5%"	34"	176"	.67
07511	11/6"	3/4"	17/8"	.66
07512	3/4"	1"	17/8"	.68
07513	13/6"	1"	17/8"	.62
07514	7/8"	1"	2"	.70
07515	15/6"	1"	2"	.86
07516	1"	1/6"	21/6"	1.00
07517	11/6"	11/6"	21/6"	1.14
07518	11/8"	11/8"	23/6"	1.28
07519	13/6"	11/8"	23/6"	1.32
07520	11/4"	11/8"	23/6"	1.36
07521	1%6"	11/6"	23/6"	1.42
07522	1%"	11%"	21/4"	1.62
07523	17/6"	15/32"	25/6"	1.56
**07524	11/2"	15/32"	25/6"	1.62

6-POINT DEEP SOCKET - 3/4" DRIVE -Bolt Opening Total No. Size Depth Length Wt. Lbs. *07524-L 11/2" 23%" 31/2" 2.60 *Designed for Budd Wheels.

1" DRIVE IMPACT SOCKETS

D	4-POINT SO	KET - 1"	DRIVE -		
	No.	Opening Size	Bolt Depth	Total Length	Wt. Lbs.
	*10013-55	13/6"	7/8"	25/6"	1.16
		*Designed f	or Budd V	Vheels.	

E 6-POINT SO	KETS - 1"	DRIVE -		
	Opening	Bolt	Total	
No.	Size	Depth	Length	Wt. Lbs.
10012	3/4"	1"	25/6"	.96
10014	7/8"	1"	25/6"	1.04
10015	15/6"	11/8"	25/6"	1.02
10016	1"	11/4"	23/8"	1.06
10017	11/6"	114"	236"	1.28
**10018	11/6"	11/4"	238"	1.30
10019	13/6"	114"	236"	1.28
10020	114"	1%"	21/2"	1.28
10021	15/6"	11/2"	2%6"	1.30
10022	1%"	111/32"	2%"	1.46
10023	17/6"	11/32"	211/6"	1.46
**10024	11/2"	117/32"	234"	1.46
10025	1%6"	1%6"	213/6"	1.56
10026	1%"	1%6"	27/8"	1.78
10027	111/16"	134"	215/6"	1.96
10028	134"	134"	3"	2.00
10029	113/6"	113/6"	31/6"	2.50
10030	1%"	17/8"	31/8"	2.30
10032	2"	17%"	31/4"	3.20
10034	21/8"	17%"	3%"	3.40
10036	21/4"	2"	31/2"	4.10
10038	2%"	2"	3%"	4.20
10040	21/2"	23%"	4"	4.90
**Suitable	for Budd V	/heels.		

F	6-POINT DE	. SOCKET	DK		
	No.	Opening Size	Bolt Depth	Total Length	Wt. Lbs.
	*10024-L	11/2"	214"	31/2"	2.40

A STATE OF A STATE OF	, A145 F 1145	TOK IMPA	CT SOCKETS
			For Sockets
No.	Drive Size	Description	Numbered
07500-P	34"	Pin	07509 thru 07524
07500-R	3/4"	"O" Ring	0751355 & 07524
10000-P1	1"	Pin	10012 thru 10024
10000-R1	1"	"O" Ring	1001355 & 10024
10000-P2	1"	Pin	10005 1 10010
10000-R2	1"	"O" Ring	10025 thru 10040

IMPACT WRENCHES

AIR IMPACT WRENCH Extra Heavy Duty

This P&C Air Impact Wrench will save you time and money and it has built-in ruggedness, that will keep it on the job for years. Has a torque range (fully adjustable at a touch of the finger) of 75-200 ft/lb. Features rugged impact mechanism, balanced 6-vane motor, continuous self-lubrication and built-in oil reservoir. Is encased in strong steel hammer case. Match this gun with P&C Dyna-ring sockets and you have an unbeatable combination for getting the toughest jobs done ... fast! Standard and extended anvil models available.

No. load speed	6600 RPM
Average Impacts	1350/Min.
Size Air Inlet	¼" Pipe Ta
Recommended Hose Size	5/6"

Overall Wt.
No. Type Anvil Length Lbs.

AH-16 Standard 6¾" 5.56

AH-16-2 Extended 8¾" 5.56



Special Impact
Wrench Grease
Formulated for
this wrench.
No. AH-16-11
1 lb. can



Leather Boot High quality leather to protect your gun. No. AH-16-12



Steel Carrying Case Stores gun and accessories. Heavy gauge with snap-lock lid. No. AH-16-13



1/2" Drive

Reversible

1/2" Drive Reversible

ELECTRIC IMPACT WRENCH

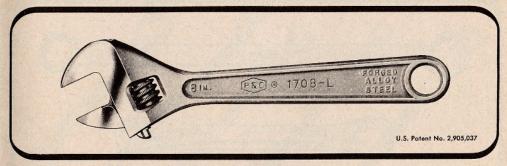


Made for the professional user by the world's largest maker of handheld tools for the auto mechanic. This wrench is doubly insulated and may be used with absolute safety even under the dampest conditions. Housing of sturdy aluminum alloy and handle of insulating Lexan. Delivers 2000 impacts per minute with 95-130 pounds of torque. No load speed is 1900 RPM. Will handle up to %" bolt size. This wrench delivers 37% more torque than any comparable priced wrench. Available in both two-cord and three-cord models. Draws 4 amps at 115 volts AC.

No.	Type Cord*	Overall Length	Wt. Lbs. (Less cord)
EN16	2-wire	1111/16"	634
EN16-1	3-wire	1111/6"	63/4

ADJUSTABLE WRENCHES





THE SENSATIONAL P&C CLIK-STOP ADJUSTABLE

- No other adjustable wrench like it.
- Automatically locks in any position setting.
- No levers to move or buttons to push.
- Positively will not creep or crawl.
- Works easily, smoothly to any opening.

The P&C Clik-Stop is the first important improvement to adjustable wrenches since this tool was invented. It overcomes easily and positively the one weakness of the adjustable wrench . . . its tendency to change adjustment while being used. Now with the P&C Clik-Stop you avoid those damaged bolt heads and nuts. No longer do you have to fear skinned knuckles and the hazards from slipping tools. The answer is the fast, positive, locking action of the Clik-Stop. You set it and it stays. Every position is a locked position.

In addition to the Clik-Stop feature, P&C measures up in every other way to make it the finest tool money can buy. This wrench is thinner to fit into tight places. Yet nothing in the way of strength and tightening power has been sacrificed. All important points of stress are "beefed up" with added metal. Only the finest special alloy steel is used. The handle is of I-beam construction for maximum strength. Head is offset 221/2° for turning nuts in tight places. Available in both beautiful chrome and black industrial finish,

CLIK-STOP ADJU	STABLE WRE	NCH-FULL CHRO	ME FINISH
No.	Length	Max. Opening	Wt. Lbs.
1704-L	4"	1/2"	.10
1706-L	6"	3/4"	.23
1708-L	8"	1"	.54
1710-L	10"	11/6"	.85
1712-L	12"	15%	1.56
1715-L	15"	- 111/16"	3.25
1716-L	16"	1%"	3.68
1718-L	18"	21/8"	4.75
1720-L	20"	21/2"	6.28

CLIK-STOP ADJUSTABLE WRENCH-INDUSTRIAL FINISH				
No.	Length	Max. Opening	Wt. Lbs.	
1704-SL	4"	V2"	.10	
1706-SL	6"	34"	.23	
1708-5L	8"	1"	.54	

No.	Lengin	mux. Opening	TTI. LUS.
1704-SL	4"	V2"	.10
1706-SL	6"	3/4"	.23
1708-5L	8"	1"	.54
1710-SL	10"	11/8"	.85
1712-SL	12"	15/6"	1.56
1715-SL	15"	111/6"	3.25
1716-SL	16"	176"	3.68
1718-SL	18"	21/8"	4.75
1720-5L	20"	21/2"	6.28

TRY THIS LOCK TEST



Tighten the Clik-Stop on your finger. Try to turn the Golden Knurl. You can't. The weight of the handle alone keeps it locked. Yet it always adjusts easily.

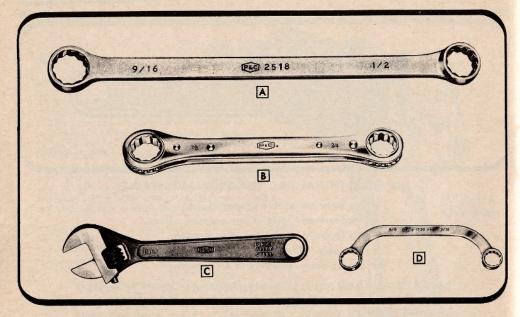
THIS IS HOW THE CLIK-STOP WORKS!



A series of serrations are cast in the Golden Knurl of the Clik-Stop. These serrations lock into teeth forged into the side of the knurl opening. These "locking" elements are kept engaged by a light spring loading of the knurl. There is always full freedom to adjust the wrench and every setting is a locked setting.



WRENCHES



Hot forging from special alloy steel followed by scientific tempering and precision machining...this is the combination that makes P&C Wrenches unbeatable. Each is shaped for fitting into tight places with thin heads that sacrifice no strength or toughness. Handles are flat and thin with eased edges to make them easy on the hands.

A BOX WRENCHES - 12-POINT-

Box openings chamfered to guide wrench onto nut, bolt heads. Once on, it cannot slip or spread, needs only 15° swing to turn a nut. Heads offset 15° from shank to provide knuckle clearance.

No.	Opening Size	Length	Wt. Lbs.	
2512	3/6" x 3/6"	5"	.06	
2514	36" × 1/6"	61/2"	.10	
2516	1/6" x 1/2"	71/2"	.15	
2518	1/2" x 1/6"	8"	.20	
2520	%6" x 56"	81/2"	.25	
2522	56" x 11/6"	91/2"	.35	
2524	56" x 34"	10%"	.40	
2525	11/6" x 3/4"	11"	.50	
2528	34" x 7/8"	12"	.63	
2529	13/4" x 7/8"	13%"	.68	
2532	15/6" x 1"	151/2"	.90	
2536	11/6" x 11/6"	171/4"	1.30	
2540	11/6" x 11/4"	18¼"	1.38	
2542	11/4" x 15/6"	1914"	1.54	
2544	1¼" x 1¾"	2014"	1.82	
2548	17/." - 116"	211/4"	2.00	

B RATCHETING BOX WRENCHES - 6 AND 12-POINT-

Turning over wrench reverses direction. Laminated construction adds strength and reduces weight.

		Type of	Overall	
No.	Opening Size	Opening	Length	Wt. Lbs.
1190	76" x 1/2"	6-point	5"	.30
1191	14" x 1/6"	6-point	41/4"	.12
1192	36" x 1/6"	6-point	51/2"	.20
1193	1/2" x 1/6"	6-point	634"	.40
1194	%" x 1/6"	12-point	8"	.66
1195	34" x 7/8"	12-point	914"	.79
1196	%" x ¾"	12-point	81/4"	.64

C ADJUSTABLE WRENCHES - STANDARD -

This wrench is designed for maximum strength with minimum weight. This combination is achieved by engineering skill in design and master craftsmanship in manufacture.

Length Max. Opening

Wt. Lbs.

3.25

3.68

4 75

6.28

FULL	CHROME	PLATED
	No.	Length

1704	4"	1/2"	.10
1706	6"	34"	.23
1708	8"	1"	.54
1710	10"	11/8"	.85
1712	12"	15/6"	1.56
1715	15"	111/16"	3.25
1716	16"	1%"	3.68
1718	18"	21/8"	4.75
1720	20"	21/2"	6.28
INDUSTRIAL P	INISH		
No.	Length	Max. Opening	Wt. Lbs.
1704-5	4"	1/2"	.10
1706-S	6"	3/4"	.23
1708-5	8"	1"	.54
1710 €	10//	11///	90

D OBSTRUCTION BOX WRENCHES -

1712-5

1718-5

1720-5

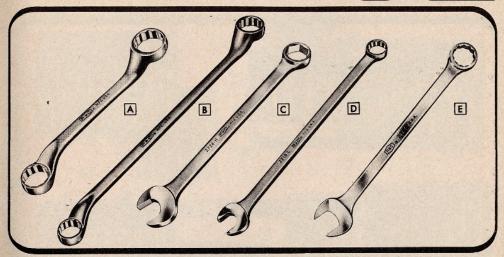
Works around corners. Handy for removing, replacing many starter motors.

16"

18"

20"

No.	Opening Size	Length	Wt. Lbs.
1725	1/6" x 1/2"	57/8"	.12
1730	%6" x 56"	734"	.20
1731	%" x ¾"	734"	.33



A SHORT OFFSET BOX WRENCH - 12 PT.-

Has offset ends to clear nearby obstructions. Short length permits use in tight places.

remper bern	Opening Length Wt. Lbs.		
No.	Opening	Length	Wt. Lbs.
2260	36" x 1/6"	5"	.08
2261	1/2" × 1/6"	51/2"	.12
2262	56" x 1/6"	6"	.19
2263	34" x 13/6"	61/2"	.25

B LONG OFFSET BOX WRENCH - 12 PT.

Great for reaching into tough spots where ordinary wrench can't be used. Ends offset to clear obstructions.

No.	Opening	Length	Wt. Lbs.
2280	36" × 7/6"	734"	.16
2281	1/2" x 1/6"	9"	.25
2282	56" x 11/6"	101/4"	.38
2283	25/2" x 13/6"	111/2"	.46
2284	3/4" x 7/8"	1234"	.66
2285	%6" x 1"	14"	.93

C COMBINATION WRENCH - 6 PT.-

The right tool to tighten hex nuts. Both ends have same opening size for fast run down and final tightening without changing wrenches. Closed head offset.

No.	Opening	Length	Wt. Lbs.
2712H	3/8"	41/2"	.06
2714H	7/6"	51/4"	.10
2716H	1/2"	6"	.14
2718H	%6"	634"	.20
2720H	%"	71/2"	.27
2722H	11/6"	81/4"	.34
2724H	3/4"	91/4"	.45

D COMBINATION WRENCH - LONG - 12 PT.

These wrenches give you extra leverage for tough tightening situations, also reach those hard-to-get-at spots. Same opening on both ends.

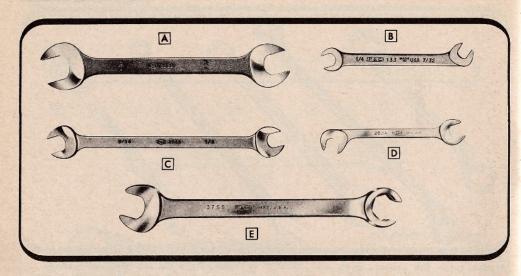
at spots. San	me opening on l	both ends.	
No.	Opening	Length	Wt. Lbs.
2708L	1/4"	4%"	.04
2710L	3/6"	534"	.05
2712L	3/8"	6%"	.08
2714L	7/6"	71/2"	.13
2716L	V2"	814"	.17
2718L	%6"	91/8"	.25
2720L	5/4"	10"	.33
2722L	11/6"	10%"	.38
2724L	3/4"	1134"	.51

E COMBINATION BOX AND OPEN-END WRENCHES

Box end offset 15° for knuckle clearance, 12-point design turns hex nut with only 15° swing. Open end at 15° angle to shank needs only 30° swing.

	12-point		
·No.	Opening	Length	Wt. Lbs.
2708	¼" (6-pt.)	3"	.02
2710	5/6"	3%6"	.05
2712	36"	41/2"	.07
2714	76"	5%6"	.10
2716	1/2"	614"	.14
2718	%6"	7"	.20
2720	%"	734"	.26
2722	11/6"	81/2"	.32
2724	3/4"	914"	.41
2726	13/6"	10%"	.50
2728	7/8"	111/4"	.59
2730	15/6"	121/4"	.62
2732	1"	13%"	.86
2734	11/16"	141/2"	1.03
2736	11/6"	15%"	1.23
2740	1¼"	17"	1.70
2742	15/6"	18¼"	1.95
2744	1%"	191/2"	2.20
2746	17/6"	20¾"	2.50
2748	11/2"	21%"	2.90
2752	15%"	23"	3.50
2754	111/6"	23"	3.40
2756	13/4"	26"	5.80
2758	113/6"	26"	5.70
2760	17/8"	26"	5.60
2764	2"	.26"	5.50
		STATES OF THE PARTY OF THE PART	AND DESCRIPTION OF THE PARTY OF

P&C Wrenches are all made from special analysis steel that has been alloyed to assure toughness, wear resistance and true tempering. Every wrench is rigidly inspected and fully guaranteed.



Every P&C Wrench goes through a scientifically controlled and space-ageengineered 17-step process from alloy-steel selection to final inspection and packaging. Over 40 years of tool manufacturing skill is behind every step to assure you the best wrenches money can buy.

A OPEN-END WRENCHES -

Jaw openings precisely milled for positive fit without slipping. The 15° jaw angle, by "flopping" wrench, allows continuous turning of hex nut in 30° swing.

No.	Opening	Length	Wt. Lbs.
2808	3/6" x 1/4"	41/8"	.02
2810	14" x 1/6"	31/2"	.05
2812	3/6" x 3/8"	4"	.06
2814	3/8" x 1/6"	41/2"	.08
2816	1/6" x 1/2"	5"	.11
2818	1/2" x 1/6"	51/2"	.15
2819	1/2" x 19/32"	6"	.15
2820	%6" x %"	61/2"	.21
2821	19/32" x 1/16"	7"	.26
2822	56" x 1/6"	71/2"	.28
2824	%" x ¾"	81/4"	.30
2825	11/6" x 3/4"	9"	.33
2828	34" x 7/8"	10"	.46
2829	13/6" x 7/8"	101/2"	.59
2831	7/8" x 11/6"	111/8"	.70
2832	15/6" x 1"	12"	.85
2836	11/6" x 11/8"	13%"	1.30
2840	11/6" x 11/4"	14%"	1.50
2842	114" x 11/6"	16¼"	2.10
2846	138" x 176"	1734"	2.40
2852	11/2" x 15%"	191/2"	3.80

B MIDGET WRENCHES

One jaw at 15°, other at 60° on each wrench. Opening sizes duplicated at other angle on companion wrench.

rench.					
No.	15° End	60° End	Length	Wt. Lbs.	
130	13/64"	15/4"	3"	.02	
131	15/64"	13/64"	3"	.02	
132	76"	1/4"	3"	.02	
133	1/32" 1/4"	7/32"	3"	.02	
134	%2" 5/6"	7/32" 5/6" 9/32"	31/2"	.03	
135	5/6"	%2"	31/2"	.03	
138	11/32"	36"	334"	.05	
137	3/8"	11/32"	33/4"	.05	

C THIN HEAD OPEN-END WRENCHES

Especially designed for tappet work. Special alloy steel gives extra strength to very thin, tapered jaws. Long handles increase leverage.

No.	Opening	Length	Wt. Lbs.
2916	7/6" x 1/2"	9"	.18
2918	1/2" x 1/6"	9"	.18
2920	%6" x 5%"	10"	.24
2925	11/6" × 34"	10"	.27
2929	13/6" × 7/8"	10"	.35

D MIDGET OPEN-END WRENCHES - 80°

Designed for work on generators, distributors and electronic equipment. End size is matched and heads are at 15° and 80° angle to shank.

No.	Opening	Length	Wt. Lbs.
2807A	1/32"	31/4"	.02
2807AB	15/4"	31/4"	.02
2808A	14"	31/4"	.02
2809A	9/12"	35%"	.03
2810A	%2" 5/6"	35%"	.03
2811A	11/32"	4"	.04
2812A	3/8"	4"	.04
2814A	7/6"	434"	.07
2816A	1/2"	434"	.07
2818A	%6"	534"	.14
2820A	56"	53/4"	.14

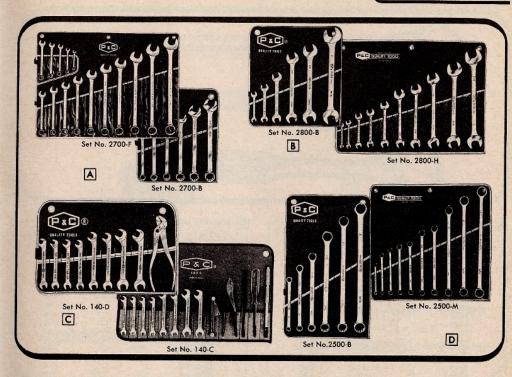
E FLARE NUT WRENCHES

Semi-box head slips over tubing for seating onto flare nuts. For use on fluid or gas lines in hydraulic units, air brake systems, compressors, etc.

No.	6-Point Opening	Length	Wt. Lbs.
3751	36"	5%"	.26
3752	7/6"	6"	.30
3753	1/2"	636"	.34
3754	%6"	67/8"	.40
3755	5'8"	7%"	.47
3756	11/16"	834"	.54
3757	3/4"	91/4"	.65

WRENCH SETS





No.	Description		Set No.	Set No.
			2700B	2700F
2710	16" opening			X
2712	36" opening			X.
2714	1/6" opening		X	X
2716	1/2" opening		X	X
2718	%" opening		X	X.
2720	%" opening		X	X
2722	11/6" opening		X	X
2724	34" opening		X	X
2726	13/6" opening			X
2728	7/8" opening		and the real	X
2730	15/6" opening			X
2732	1" opening			X
2734	11/6" opening			X
2736	11/8" opening			X
2740	11/4" opening		100	X
2413	Plastic Kit			X
2427	Plastic Kit		X	
		Wt. Lbs.	1.70	10.00

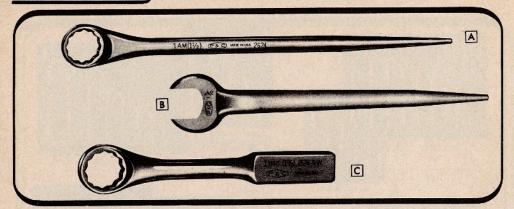
No.	Description	Set No. 2800B	Set No 2800H
2810	14" x 1/4" opening		X
2812	%6" x 3%" opening	X	X
2816	1/6" x 1/2" opening	X	X
2818	1/2" x 1/6" opening		X
2820	%6" x %" opening	X	X
2824	%" x 34" opening	401.eco.	X
2825	11/6" x 3/4" opening	X	X
2829	13/6" x 7/8" opening	X	X
2832	15/6" x 1" opening	X	X
2836	11/6" x 11/8" opening		X
2410	Plastic Kit		X
2428	Plastic Kit	X	-
	Wt. Lbs.	2.50	4.60

C IGNITION	WRENCH SETS		
	Description	Set No.	Set No.
No.	15° End 60° End.	140-C	140-D
130	13/64" 15/64"	X	X
131	15/64" 13/64"	X	X
132	1/32" 1/4"	X	X
133	14" 1/2"	X	X
134	%" %"	X	X
135	%6" %2"	X	X
136	1/6" %2" 11/32" %"	X	X
137	38" 11/2"	X	X
442	Screwdriver	X	
1235	Pliers		X
1281	Pliers	X	
2302	Point File - 5"	X.	
9853	Screw Starter	X	
000-D	Ignition Gauge Set	X	
2416	Vinyl Kit		X
2420	Vinyl Kit	X.	
Canada Carlos Carlos Carlos	Wt. Lbs.	.50	.60

ס	BOX WRE	NCH SETS		
	No.	Description	Set No. 2500B	Set No. 2500M
	2512	%6" x ¾" opening		X
	2514	36" x 1/6" opening	X	X
	2516	1/6" x 1/2" opening		X
	2518	1/2" x 1/6" opening	X	X
	2520	%" x %" opening		X
	2522	%" x 11/6" opening	X	
	2524	%" x 34" opening		X
	2525	11/6" x 3/4" opening		X
	2528	34" x %" opening	X	
	2529	13/6" x 1/8" opening	X	X
	2532	15/6" x 1" opening	X	X
	2536	11/6" x 11/8" opening		X
	2418	Vinyl Kit		X
	2425	Vinyl Kit	x	
		Wt. Lbs.	3.30	5.20



HEAVY DUTY INDUSTRIAL WRENCHES



A SPUD-END WRENCHES - 12-POINT BOX

Makes quick work of loosening frozen or rusted bolts or nuts. The spud end is handy for aligning holes in flanges. Note the clearance provided by the offset head which overcomes the usual obstruction problems.

No.	Size	Total Length	Wt. Lbs.
2615	15/6"	141/2"	1.13
2617	11/16"	15%"	1.30
2618	11/8"	16¼"	1.94
2620	114"	17"	2.20
2623	11/6"	19"	3.00
2624	11/2"	201/8"	3.30
2626	15%"	211/4"	3.60
2627	111/6"	221/4"	3.70
2629	113/6"	231/4"	5.50
2630	17/8"	241/4"	5.60
2632	2"	251/4"	6.00
2635	23/16"	26"	6.40
2638	23%"	261/2"	7.00
2641	2%6"	28"	8.70
2644	234"	29"	8.20
2647	2176"	29¾"	12.00

C STRIKING WRENCHES - 12-POINT BOX -

Striking wrenches have a square striking surface for use with a sledge or hammer. They are offset to allow maximum clearance.

No.	Size	Total Length	Wt. Lbs.	
2617-SW	11/16"	81/2"	1.70	
2618-SW	11/8"	81/2"	1.60	
2620-5W	114"	1034"	3.20	
2621-SW	15/6"	1034"	3.00	
2623-5W	17/6"	12"	4.70	
2624-5W	11/2"	12"	4.40	
2626-SW	156"	121/4"	4.60	
2627-SW	111/6"	121/4"	4.50	
2629-SW	113/6"	131/6"	6.60	
2630-SW	17/8"	131/6"	6.80	
2632-5W	2"	137/4"	6.60	
2635-SW	23/6"	13%"	8.20	
2638-5W	238"	13%"	7.80	
2641-SW	2%"	13%"	8.70	
2644-SW	23/4"	137a"	8.20	
2647-SW	215/6"	16"	13.00	
2647-3W	316"	16"	12.00	

B STRUCTURAL WRENCHES - OPEN END

Tapered handle aligns bolt holes. Offset handle to clear adjoining bolts, protect operator's hands. Hot forged from special analysis alloy steel, scientifically heat treated for greatest strength and longest wear. Sand blasted satin finish clear lacquer coated.

No.	Opening Size	Length	Wt. Lbs.
924	3/4"	11"	.80
926	13/6"	121/8"	.90
928	7/8"	121/4"	.90

No.	Opening Size	Length	Wt. Lbs.
932	1"	13"	1.30
934	11/6"	14"	1.50
936	11/8"	14"	1.50
940	11/4"	16"	2.50
942	15%"	16"	2.50
946	17/6"	18"	3.80
948	11/2"	18"	3.80
952	156"	20"	5.80



HOLLOW HEAD WRENCH SET

This set has seven of the most popular sizes to fit Allen head screws. Hexagon shape in leverage providing "L" form. Sizes 5/64 (fits No. 8 set screws), 3/32 (No. 10), ½ (¼"), 5/32 (5/16"), 3/16 (¾"), 7/32 (7/16") and ¼ (½").

No.	Item	Wt. Lbs.
4977	Wrench Set with plastic case	.20



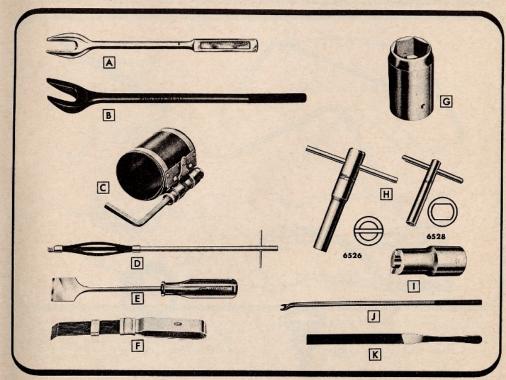
HEX KEY SET

Holds seven hex keys for Allen heads, socket head and hollow head screws all in a handy pocket size case. Wrenches fit sizes 4 through 3/16".

No.	Item	Wt. Lbs.
4978	Set in metal case	.16

See page 35 for Socket Drive Allen Head Wrenches





A DRAG LINK AND SHOCK ARM TOOL-

Slim, tapered fork is designed to facilitate insertion. Fork opening, 21/32".

No. Length Wt. Lbs. 6545 16" 2.30

B PITMAN ARM PRY BAR -

Use for pulling bearings, pulleys, gears, for lifting blocks, heavy parts. Fork opening, 11/4".

No. Length Wt. Lbs. 6546 20" 2.80

C PISTON RING COMPRESSOR -

Band-operating ratchet prevents breakage and slippage. Wide band $(3\frac{1}{2}")$ has $2\frac{1}{8}"$ to 5" range. Ell bandle included.

No. Wt. Lbs. 2316 .70

D VALVE GUIDE CLEANER-

Turning a nut adjusts the five flexible blades to any valve guide size.

No. Length Wt. Lbs. 2335 934" .10

E GASKET SCRAPER

Has U.L. approved handle of tough, fire-resistant plastic, and forged blade of special alloy steel.

No. Blade Width Length Wt. Lbs. 2336 11/2" 111/4" .41

F FLEXIBLE CARBON SCRAPER -

Sliding band regulates the flexibility.

No. Blade Width Length Wt. Lbs. 2337 1" 9" .30

G CONNECTING ROD SOCKET -

Thin nose, hexagon, ½" drive socket for Ford V8s.

No. Opening Length Wt. Lbs.

6523 %6" 11/6" .11

H CARBURETOR JET WRENCHES

Turns jets quickly without damaging soft jet metal.
No.
Wt. lbs.

6526 Fits Holley and Chandler-Groves carburetors .07 6528 Fits most Strombergs .06

I DISTRIBUTOR POINT SOCKET -

For Chevrolets. Two prongs turn the housing terminal screw. Alloy steel. Drive, 1/4".

No. Length Wt. Lbs. 6535 11/6" .02

J VALVE LIFTER

Ford V8-85. Long leverage breaks loose the toughest guides. Stock, ¾". Alloy steel.

No. Length Wt. Lbs. 6539 30" 3.50

K IGNITION POINT FILE -

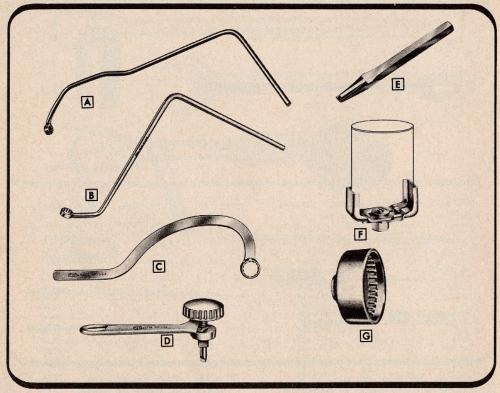
Blade is 5/16" wide and 51/4" long.

No. Description Wt. Lbs.

2302 Ignition Point File .02







A UNIVERSAL DISTRIBUTOR WRENCH

Designed especially for '57 Fords, but desirable wherever ½" hold-down nuts are used on distributors. Alloy steel, chrome plated.

No. Length Wt. Lbs. 6540 17" .70

B BUICK DISTRIBUTOR WRENCH

For reaching and turning distributor mounting bolt on certain Buicks, Head has 12-point, 9/16" box opening and is offset 1%" to clear obstructions. Alloy steel.

No. Length Wt. Lbs. 6541 10%6" x 8" .57

C STARTER WRENCH

For Plymouth, Dodge, DeSoto and Chrysler cars. Clears objects when removing or replacing starter. 5%" box opening. Alloy steel.

No. Length Wt. Lbs. 6601 934" .35

D OVERHEAD VALVE ADJUSTERS

For accuracy, speed and ease when adjusting overhead valves. Using a $V_2^{\prime\prime}$ drive socket, loosen lock nut, turn alloy steel screwdriver with knob for adjustment (setting valve clearance with feeler gauges), and tighten lock nut with handle while holding screwdriver knob. Also used with clutch adjusting machines.

For all 6-cylinder and many V8 overhead valve engines without hydraulic lifters. Has clearance for

OVERHEAD VALVE ADJUSTERS—Continued —

adjusting valves under fire wall on certain 6-cylinder Chevrolets.

No. Max. Bit Length Wt. Lbs. 6734 1%" .33 6735 3\%2" .36

E MUFFLER REMOVAL TOOL

Best way yet to remove worn out mufflers and tailpipes! Safe, fast and easy to use. Helps prevent damage to usable parts. Made of special highstrength alloy steel.

No. Length Wt. Lbs.
2301 57/6" .29

F OIL FILTER REMOVAL TOOL

Takes a vise-like grip to remove oil filters in a breeze! Self locking, self adjusting. Use on most standard domestic units and many foreign types of disposable filters. Designed to protect hands and arms from hot manifolds.

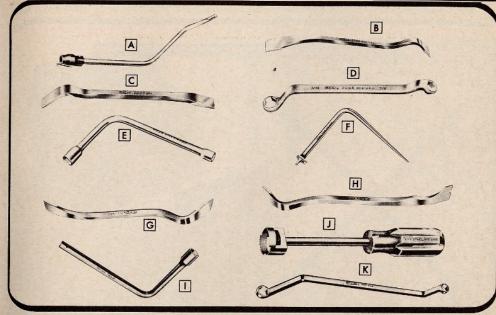
> No. Wt. Lbs. 2304 .90

G FORD FUEL FILTER WRENCH

Eliminates damage and distortion to fuel filter bowls. Special socket gives precise fit and makes removal easy. Made of high-strength die-cast alumi-

> No. Wt. Lbs. 2303 .30





A BRAKE ADJUSTING TOOL

To remove and replace Bendix Brake Springs (General Motors' cars and many others) and any type where the spring is attached to a post. Replaceable spring removal socket.

No. Wt. Lbs. 2005 .40

B BENDIX BRAKE ADJUSTING TOOL

Adjusts star nuts on two-shoe Bendix brakes. Has 134" spoons.

No. Length Wt. Lbs.
2006 91/6" .30

C CHEVROLET BRAKE ADJUSTING TOOL

For Chevrolet brakes and other close places. Has 1-3/16'' and 1-7/16'' spoons.

No. Length Wt. Lbs. **2007** 6¹%6" .18

D CHRYSLER BRAKE WRENCH

Has 3%" hex socket for brake bleeder screws and 7/16" hex socket for adjusting screw in late Chryslers and DeSotos. Clears tires. Alloy steel.

No. Length Wt. Lbs. 2008 75/6" .19

E BRAKE BLEEDER WRENCH

For Chevrolets, Fords and Lincolns with ball-joint front end suspension. L-shaped handle has 5/16" hex socket to remove bleeder screw cap and 3%" hex socket for turning screw. Alloy steel.

No. Length Wt. Lbs. 2009 634" .24

Every P&C Tool is GUARANTEED against defects in workmanship or materials. You can buy P&C with confidence.

F CHRYSLER BRAKE SPRING TOOL

Forged, milled and swaged from alloy steel, this tool designed to quickly remove and replace brake shoe returns on certain Chryslers, DeSotos, Dodges and Plymouths.

No. Length Wt. Lbs.
2010 51/2" x 61/2" .25

G CORVAIR BRAKE TOOL

Designed to clear suspension systems in Corvair, Chevrolet and Buick. Opposite end adjusts many other Bendix brakes.

No. Length Wt. Lbs.
2011 9" .29

H PONTIAC TEMPEST BRAKE TOOL-

This tool clears suspension obstructions on front wheels of this car. Special angled blade with notches speeds the jobs.

No. Length Wt. Lbs.
2012 91/6" .28

| BRAKE BLEEDER TOOL-

Has ¼" hex opening for compact cars; %" hex for conventional cars and trucks. Vent hole lets line be bled without removing tool.

No. Length Wt. Lbs. 2013 6%" .24

J BRAKE SHOE TOOL

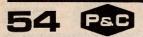
Removes and replaces the dished retaining washer of spring assembly. Does the job quick and easy.

No. Length Wt. Lbs. 2014 7" .33

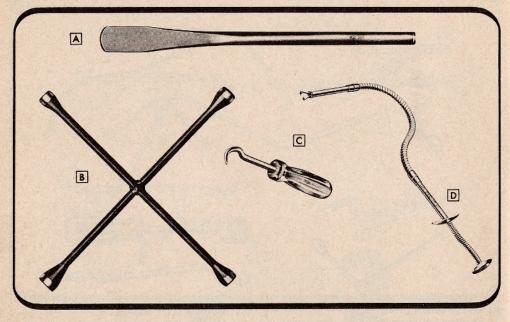
CHRYSLER BRAKE TOOL -

Designed for late models. Clears all obstructions. Has 3% and 7/16% hex openings to handle bleeder and shoe.

No. Length Wt. Lbs. 2015 10" .28







A BROAD TIRE IRON-

Paddle shaped blade lifts larger area of tire from rim. Thin blade gives best balance with light weight. Hot forged alloy steel with dipped, satin finish.

No. Description Wt. Lbs. 207 18" 2.00

B FOUR-WAY LUG WRENCHES

Forged from alloy steel and induction welded for greatest strength and durability. Hex openings. Two sizes to clear wide fenders.

No.	Size	Length	Wt. Lbs.
1175	34" x 13/6" x 34" x 7/8"	18"	3.00
1176	34" x 13/6" x 34" x 78"	211/2"	3.20

C COTTER PIN PULLER

Even the toughest give way with this puller. Just insert point and pry pin out. Exerts big leverage and is built to take it. Hand easy handle.

No.	Length	Wt. Lbs.
2306	7¾"	.25

D GRAB-ALL

Will hold or retrieve both metal and non-metal items. Flexible. Two grippers are spring loaded. The handiest tool you'll ever own to get into impossible places.

No.	Length	Wt. Lbs.
2344	171/2"	.18
2345	26"	.30



AUTOMATIC TRANSMISSION SET

For adjusting all auto and light truck automatic transmissions. Here are all the special tools needed for this important maintenance work. Every item precision engineered to fit the need. Handy reference chart with adjustment specs and easy-to-understand instruction book included in the sturdy metal storage box.

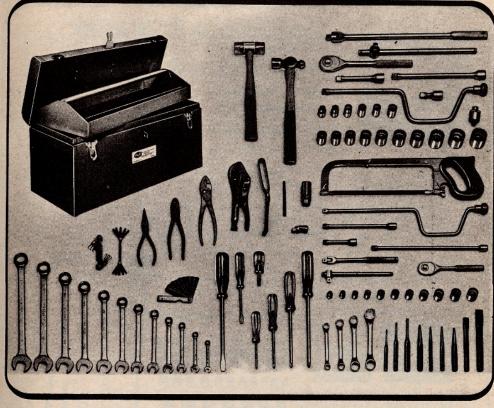
No. 2350-A - Weight 6.50

Canalate of the following:

Consist	s of the following:		
No.	Description	No.	Description
2361	Chart	4710-S	3/6" Socket, 14" Drive
9973	Metal Box	4710	16" Socket, 14" Drive
5324	34" Opening, 1/2" Drive Socket	4743	Screwdriver Bit
2357	Band Adjuster	2359	Handle & ¼" Gauge
2353	¼" Gauge	2354	Servo Gauge—Front
6061	Torque Wrench, ¼" Drive	2355	Servo Gauge-Rear
4742	1/4" Allen Hex Socket	2356	%" O. E. Wrench
4741	1/32" Allen Hex Socket	2352	%" O. E. Wrench

BASIC TOOL SET





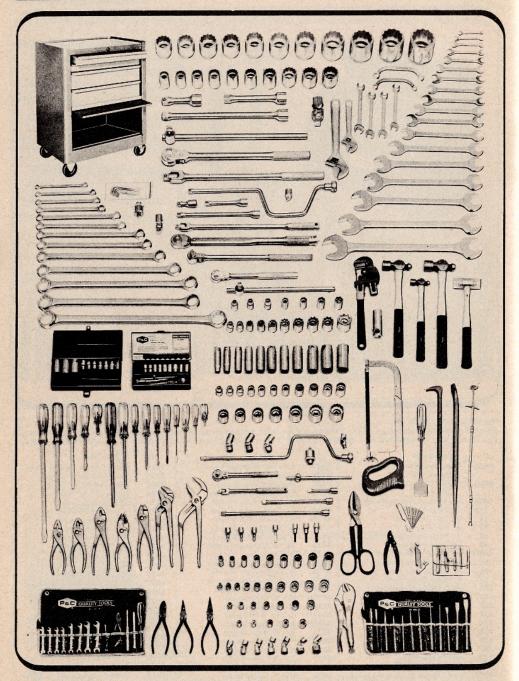
No. 9912 BASIC TOOL SET

Here's a carefully selected set of the 88 most-needed hand tools that will enable any mechanic to handle the service and repair jobs encountered in a normal day. Use it as a starting tool set—add more P&C tools later as needed.

No.	Description	No.	Description	No.	Description
000A	Feeler Gauge Set—9 short	2263	34" x 13/6" Short Box Wrench	3210	Ratchet, closed head, %" Drive
	blades, .003018	2302	Distributor Point File	3215	Speed Handle, %" Drive
000D	Ignition Gauge Set—10 blades,	2337	Flexible Carbon Scraper	3230	Hinge Handle, %" Drive
	.013040	2710	%" Combination Wrench	3260	Sliding "T", %" Drive
000K	Spark Plug Gauge Set-complete	2712	%" Combination Wrench	6014	1/6", 1/2" Drive Socket
12A	1/2" Cut Cold Chisel	2714	1/6" Combination Wrench	6016	1/2", 1/2" Drive Socket
14	¾" Cut Cold Chisel	2716	1/2" Combination Wrench	6018	%6", 1/2" Drive Socket
23	1/2" Center Punch	2718	%6" Combination Wrench	6019	1%2", 1/2" Drive Socket
61	1/4" Point, Pin Punch	2720	%" Combination Wrench	6020	%", ½" Drive Socket
63	%6" Point, Pin Punch	2722	11/6" Combination Wrench	6022	11/6", 1/2" Drive Socket
64-1	1/4" Point, Pin Punch	2724	34" Combination Wrench	6024	¾", ½" Drive Socket
65	1/4" Point Starter Punch	2726	13/6" Combination Wrench	6025	25/32", 1/2" Drive Socket
66	32" Point Starter Punch	2728	78" Combination Wrench	6026	13/6", 1/2" Drive Socket
67	1/6" Point Starter Punch	2730	15/6" Combination Wrench	6028	%", 1/2" Drive Socket
573	No. 1 Phillips Screwdriver	2732	1" Combination Wrench	6030	15/6", 1/2" Drive Socket
601	14" x 11/2" Blade Screwdriver	3010H	16", 36" Drive Socket	6032	1", ½" Drive Socket
634	1/4" x 4" Blade Screwdriver	3012H	36", 36" Drive Socket	6034	11/6", 1/2" Drive Socket
674	No. 2 Phillips Screwdriver	3014H	光6", %" Drive Socket	6036	11/8", 1/2" Drive Socket
776	No. 3 Phillips Screwdriver	3016H	1/2", %" Drive Socket	6038	1%", ½" Drive Socket
838	%" x 8" Blade Screwdriver	3018	%6", %" Drive Socket	6040	1¼", ½" Drive Socket
878	No. 4 Phillips Screwdriver	3019	19/32", 36" Drive Socket	6202	
1207	7" Diagonal Cutting Pliers	3020	%", %" Drive Socket	6203	2½" Extension, ½" Drive
1220	Needle Nose Pliers	3022	11/6", 36" Drive Socket		5" Extension, 1/2" Drive
1278	8" Slip Joint Pliers	3024	34", 36" Drive Socket	6205	10" Extension, 1/2" Drive
1291R	Lever Wrench Pliers—quick release	3026	13/6", 3%" Drive Socket	6210	Ratchet, Closed Head, 1/2" Drive
1361	Hacksaw-rigid frame for 10"	3028	%", %" Drive Socket	6215	Speed Handle, 1/2" Drive
1383	and 12" blades.	3126HP	136" Spark Plug Socket	6238	Hinge Handle, ½" Drive
	Plastic Tip Hammer	3202	3½" Extension, ¾" Drive	6247	Ratchetor, 1/2" Drive
2260	36" x 1/6" Short Box Wrench	3203	8" Extension, %" Drive	6265	Sliding "T," 1/2" Drive
2261	1/2" x 1/6" Short Box Wrench	3205	12" Extension, %" Drive	8612	¾ lb. Ball Pein Hammer
4402	%" x 11/6" Short Box Wrench	3208	Universal Joint, %" Drive	D-1120	20" x 81/2" x 9%" Metal Box

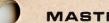


MASTER MAINTENANCE SET



No. 9902-A MAINTENANCE MASTER SET (WITH TOOLMOBILE)

This tool set gives you everything you need for industrial maintenance work. Complete assortment includes 286 quality P&C tools—ideal for factories, railroads, shipyards, refineries, mills, utilities. Use it, too, for repairing automobiles, buses, tractors, trucks, farm machinery, aircraft, construction equipment. Toolmobile provides handy, orderly storage for complete tool set.



MASTER MAINTENANCE SET



The tools in this Master Maintenance set have been carefully selected by practical, practicing maintenance mechanics to assure you everything needed to get the majority of jobs done with speed and ease. No needless, seldom used tools. No gadgets or single purpose equipment. From pullers to pliers, from sockets to screwdrivers, from grab-all to gauge you'll find these the finest quality you can ever buy...and the best way to get the job done.

P&C MASTER SET - NO. 9902-A Wt. 302 lbs.

		Acres de la companya	
No.	Description	N-	Devadasta
No.	Description	No.	Description
000A	Feeler Gauge Set	2516	7/6" x 1/2" Box Wrench
OOOK	Spark Plug Gauge Set	2518	1/2" x %6" Box Wrench
2	12-Piece Punch and Chisel Set	2520	%" x %" Box Wrench
102	Lining Up Bar	2524	%" x ¾" Box Wrench
140C	13-Piece Ignition Set	2525	11/16" x 34" Box Wrench
0200C	1/4" Socket Set	2528	¾" x ¾" Box Wrench
464	1/8" x 4" Cabinet Screwdriver	2529	13/6" x 76" Box Wrench
473	No. 0 Phillips Screwdriver	2532	15/6" x 1" Box Wrench
504	3/6" x 4" Blade Screwdriver	2536	11/6" x 11/8" Box Wrench
566	3/6" x 6" Cabinet Screwdriver	2542	11/4" x 11/6" Box Wrench
573	No. 1 Phillips Screwdriver	2544	11/4" x 13%" Box Wrench
601	1/4" x 11/2" Blade Screwdriver	2548	11/6" x 11/2" Box Wrench
604	¼" x 4" Blade Screwdriver	2810	14" x 1/6" Open End Wrench
669	¼" x 10" Cabinet Screwdriver	2812	1/6" x 36" Open End Wrench
670	No. 2 Stubby Phillips Screwdriver	2814	36" x 1/6" Open End Wrench
674	No. 2 Stubby Phillips Screwdriver	2816	1/6" x 1/2" Open End Wrench
706	5/6" x 6" Blade Screwdriver	2818	1/2" x 1/6" Open End Wrench
776	No. 3 Phillips Screwdriver	2820	16" x 16" Open End Wrench
808	%" x 8" Blade Screwdriver	2821	19/32" x 11/6" Open End Wrench
812	%" x 12" Blade Screwdriver	2822	%" x 1/16" Open End Wrench
878	No. 4 Phillips Screwdriver	2824	%" x ¾" Open End Wrench
1202	Thin Jaw Pliers	2825	11/6" x 3/4" Open End Wrench
1203	Bent Jaw Pliers	2828	¾" x %" Open End Wrench
1206	6" Diagonal Pliers	2829	13/6" x %" Open End Wrench
1225	Curved Needle Nose Pliers	2832	15/6" x 1" Open End Wrench
1226	Needle Nose w/Cutter	2836	11/16" x 11/8" Open End Wrench
1243	10" Power Track Pliers	2840	11/16" x 11/4" Open End Wrench
1246	6" Combination Pliers	2842	11/4" x 11/16" Open End Wrench
1248P	Plumbing Pliers	2846	136" x 116" Open End Wrench
1252A	Hose Clamp Pliers	.2852	11/2" x 1%" Open End Wrench
1278	8" Slip Joint Pliers	3000A	Hollow Head Screw Socket Set
1291R	Lever Wrench Pliers	3000GG	%" Drive Socket Set
1299	Wire Stripper	3752	1/6" Flare Nut Wrench
1320	10" Snips	3753	1/2" Flare Nut Wrench
1361	Hacksaw	3754	%" Flare Nut Wrench
1383	Plastic Tip Hammer	3755	%" Flare Nut Wrench
1708L	8" Adjustable Wrench	4977	Hex Key Set
1712L	12" Adjustable Wrench	6000D	1/2" Drive Socket Set
1725	1/6" x 1/2" Obstruction Wrench	6316	1/2" Drive Torque Wrench
1730	%6" x %" Obstruction Wrench	8604	4 oz. Hammer
1814	14" Pipe Wrench	8612	12 oz. Hammer
2126	16" Rolling-Head Bar	8616	1 lb. Hammer 34" Drive Socket Set
AND DESCRIPTION OF THE PARTY OF	Gasket Scraper	9300AA	
2344	17½" Grab-all	9500A	Screw Extractor Set
2514	36" x 1/6" Box Wrench	9960	Toolmobile Cabinet

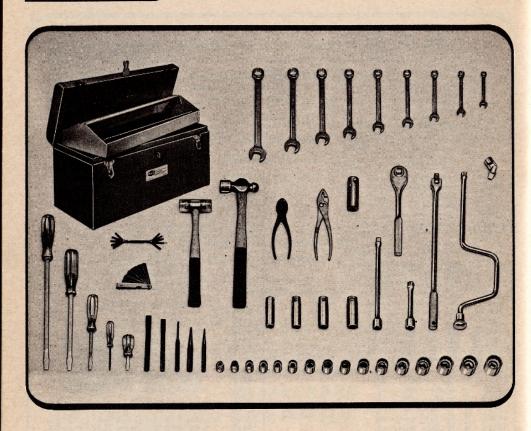
Set Includes Mobile Storage Cabinet

Toolmobile cabinets save time on the job, help eliminate costly tool losses. Drawers and trays are partitioned, make it easy to find the right tool. All parts made of heavy gauge steel, electrically welded, reinforced for rugged use, long life. Attractively finished in rocket red, and mechanics gray. Big 4" true tracking casters roll smoothly over rough surfaces. Full stop easy slide drawer suspensions, removable for cleaning. Hide-a-way panel locks along with drawers providing maximum protection.

Overall size: 26%" x 18" x 321/2". Weight: Chest only-104 lbs.



APPRENTICE TOOL SET



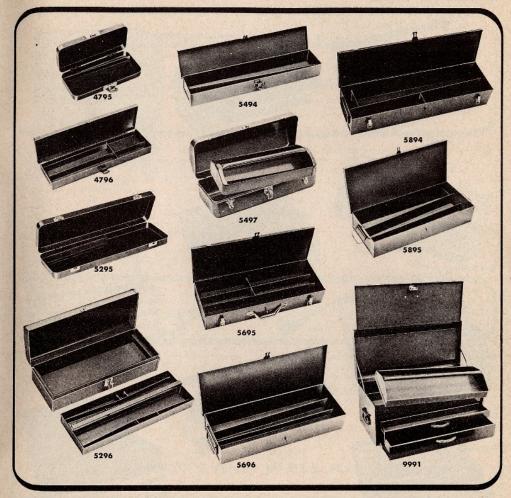
No. 9914 APPRENTICE TOOL SET

With this 52-piece tool set, you can handle most service jobs. Low initial investment. Then from this base you can build a complete mechanic's tool set tool by tool while you work! Nothing to throw away... you just add to your efficiency with more of the right tools for the job.

No.	DESCRIPTION	No.	DESCRIPTION	No.	DESCRIPTION
000A	Feeler Gauge Set-9 short	2716	1/2" Combination Wrench	6030	15/6", 1/2" Drive Socket
	blades, .003018	2718	%6" Combination Wrench	6032	1", 1/2" Drive Socket
000D	Ignition Gauge Set—10	2720	%" Combination Wrench	6034	11/6", 1/2" Drive Socket
	blades, .013040	2722	1/16" Combination Wrench	6036	11/8", 1/2" Drive Socket
11	%" Cut Gold Chisel	2724	34" Combination Wrench	6040	1¼", ½" Drive Socket
13	%" Cut Cold Chisel	2726	13/6" Combination Wrench	6120	%", 1/2" Drive, Deep Socket
22	%" Center Punch	2728	%" Combination Wrench	6122	11/6", 1/2" Drive, Deep Socket
63	3/6" Point, Pin Punch	4515	Stud Remover	6124	34", 1/2" Drive, Deep Socket
67	3/6" Point, Starter Punch	6012	%", 1/2" Drive Socket	6126	13/6", 1/2" Drive, Deep Socket
442	1/8" x 21/2" Blade Screwdriver	6014	76", 1/2" Drive Socket	6203	5" Extension, 1/2" Drive
601	¼" x 1½" Blade Screwdriver	6016	1/2", 1/2" Drive Socket	6205	10" Extension, 1/2" Drive
604	¼" x 4" Blade Screwdriver	6018	%6", 1/2" Drive Socket	6208	Universal Joint, 1/2" Drive
808	%" x 8" Blade Screwdriver	6019	1937", 1/2" Drive Socket	6210	Ratchet, Reversing, 1/2" Drive
812	%" x 12" Blade Screwdriver	6020	%", 1/2" Drive Socket	6215	Speed Handle, 1/2" Drive
1209	Diagonal Cutting Pliers	6022	11/6", 1/2" Drive Socket	6238	18" Hinge Handle, 1/2" Drive
1278	8" Slip Joint Pliers	6024	34", 1/2" Drive Socket	8616	1 lb. Ball Pein Hammer
1383	Plastic Tip Hammer	6025	25/32", 1/2" Drive Socket	D-1120	20" x 81/2" x 9%" Metal Box
2712	%" Combination Wrench	6026	13/6", 1/2" Drive Socket		
2714	1/4" Combination Wrench	6028	78", 1/2" Drive Socket	Total wei	ight of set 31.30 lbs.

TOOL BOXES AND CHESTS



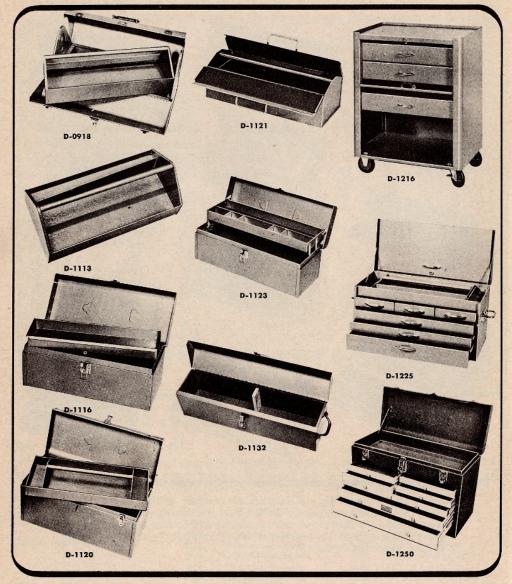


P&C Tool Boxes, Chests and Cabinets are designed by men who use them every day. Forming is precise, joints are tight and smooth, welds will not give way, handles are smooth for ease in carrying and finishes are baked on for years of lasting under the toughest of usage. From hasp to hinge, P&C Boxes are the professional's choice.

No.		Length	Width	Depth	Wt. Lbs.
4795	Just the thing for small parts like ¼" drive sockets and attachments	634"	3"	11/4"	.52
4796	A quality box with tapered compartment for sockets, room for more	12"	31/2"	11/8"	1.16
5295	Has sturdy hinge and sure-hold catch. Just the size for ¾" drive	17¼"	5¼"	11/2"	1.70
5296	Capacity for %" drive and more. Rounded corners and deep top	19"	7"	4¾"	9.00
5494	Holds large number of ½" drive sockets plus associated tools	16¼"	3"	2"	1.86
5497	A beauty. Rounded corners, easy-carry handle, full piano hinge	18¾"	7¼"	6"	7.00
5695	For ¾" drive sockets and attachments. Has 2 spring catches and hasp	221/8"	8"	3¾"	9.00
5696	Big and heavy duty for ¾" drive plus many other tools. Handle on end	231/2"	914"	4"	19.50
5894	Extra heavy duty for the biggest of sets. Reinforced, riveted	30"	814"	5"	13.60
5895	Made just like the previous box but has more capacity	30"	121/2"	51/2"	37.00
9991	For master sets. Has tote tray, divided top section, 2 big drawers	26"	12"	11¾"	34.00
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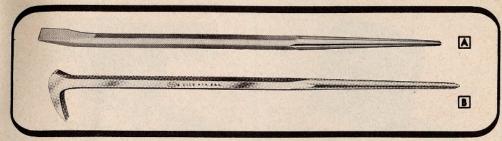
TOOL BOXES AND CHESTS



No.		Length	Width	Depth	Wt. Lbs.
D-0918	Large tool compartment plus tote tray. Full length hinge	19"	10"	13"	16.50
D-1113	Has big capacity with socket section. Handle rolled steel	19"	91/8"	3"	3.75
D-1116	Has removable tote tray and big storage space. Full length hinge	16"	7"	7"	6.00
D-1120	Handles a big assortment. Full length hinge, hasp and catches	20"	81/2"	9%"	11.50
D-1121	Spill-proof design easy to carry, open and use. Tote tray included	21"	81/2"	71/2"	10.00
D-1123	Cantilever tray type that is easy to use. Sturdy with big capacity	19"	7"	7"	6.50
D-1132	Popular hip design. Has clips to hold level, block for saws	32¼"	8"	934"	12.00
D-1216	The best of roller cabinets. Cover gives complete safety	26%"	18"	321/2"	86.00
D-1225	The best of cabinets. Matches roller cabinet above for a set	26"	12"	14%"	54.50
D-1250	For use with precision tools. Drawers lined with green flock	201/8"	81/2"	131/2"	31.50

SPECIAL TOOLS





A LINING-UP BARS

Working easily for prying and aligning jobs. Prying end designed for optimum leverage, tapered end has long slim taper for increased utility.

No.	Stock Size	Length	Wt. Lbs.
101	1/2"	14"	.65
102	*6"	18"	1.33
103	3/4"	24"	2.55
104	15/6"	30"	5.50

B ROLLING HEAD BARS

A functional design idea with a 90° rolling head. Just the thing for getting into tight places.

No.	Stock Size	Length	Wt. Lbs.
2126	1/2"	16"	.86
2130	%"	18"	1.62





A TIRE PRODDING AWL

Designed to remove imbedded particles from automobile tires without damaging the tube. Tapered blade spreads rubber.

Wt. Lbs.	th	No.
.10	,	230
		230

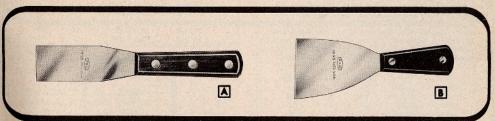
B GENERAL PURPOSE AWLS -

A variety of lengths and handle designs to choose from. Wooden handles have nickel plated ferrule for protection.

No.	Length	Wt. Lbs.
389	476"	.06
390	61/2"	.12
205	414"	14

PUTTY AND WALL KNIVES





P&C Putty and Wall Knives are made of the best spring steel, tempered to achieve maximum flexibility and ease of use. Handles are of selected hardwood permanently fastened to the blade.

A PUTTY KNIFE

Tapered blade for maximum flexibility. Highly polished to get smooth putty flow. Hang-hole in handle.

Blade Width Wt. Lbs. No.

114" 1695 14

B WALL SCRAPER -

Blade is tapered for maximum flexibility and extends the full length of the handle.

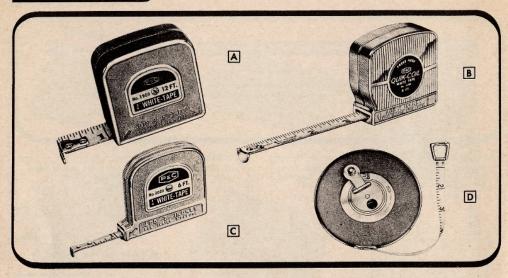
> No. **Blade Width** Wt. Lbs. 1696

3" .27



STEEL MEASURING TAPES





Tapes that are easy to read and easy to use carry the P&C name. All push-pull and power tapes have 2" cases for easy inside measuring. Blades are replaceable, have clear markings and are bonderized for years of heavy use.

A PUSH-PULL TAPES

In beautiful chrome plated metal case. Tape is tempered steel with white bonderized enamel finish and black, easy-to-read foot and inch markings. Self-adjusting end hook permits inside and outside measurements. Blade easily replaced. Comes complete with free belt hook.

Туре	Blade Width	Blade Length	Wt. Lbs.
Push-Pull	1/2"	6'	.30
Push-Pull	1/2"	8'	.33
Push-Pull	1/2"	10'	.35
Push-Pull	1/2"	12'	.38
Push-Pull	3/4"	12'	.54
Push-Pull	34"	10'	.52
	Push-Pull Push-Pull Push-Pull Push-Pull Push-Pull	Type Width Push-Pull ½" Push-Pull ½" Push-Pull ½" Push-Pull ½" Push-Pull ½"	Type Width Length Push-Pull ½" 6' Push-Pull ½" 8' Push-Pull ½" 12' Push-Pull ¾" 12' Push-Pull ¾" 12'

B POWER TAPES

Gives you positive control of blade return with smooth action and no dangerous snap action. Nylon internal mechanism gives long life and quiet operation. Has heavily chromed case, tempered and bonderized white steel blade. Giant size end hook adjusts for inside-outside measuring. Blades easily changed. Comes complete with free belt hook.

No.	Туре	Blade Width	Blade Length	Wt. Lbs.	
1954	Power	1/2"	8'	.44	
1955	Power	1/2"	10'	.46	
1956	Power	1/2"	12'	.47	
1957	Power	3/4"	12'	.60	
2027	Power	3/4"	10"	.58	

C NARROW PUSH-PULL TAPES

Thin, slim-line design makes this tape handler for pocket and purse. Same accurate measure and ease of reading.

No.	Туре	Blade Width	Blade Length	Wt. Lbs.
2020	Push-Pull	14"	6'	.16
2021	Push-Pull	14"	8'	.25
2022	Push-Pull	1/4"	10'	.30

D STEEL LONG TAPES -

Tape is %" white finished steel with clear inch and foot markings. Throat has double throat rollers. Flush folding rewind handle, Hook ring included at end of blade. Case is zinc plated steel covered with attractive vinyl fabric.

No.	Length	Wt Lbs.
1961	50 ft.	.75
1962	100 ft.	1.13

REPLACEMENT BLADES

Wound in reverse for easy replacement. Universal type that fits most makes of tapes of power and push-pull type.

No.	Fits P&C Tape No.	Blade Width	Blade Length
1949-R	1949	1/2"	6'
1950-R	1950 & 1954	1/2"	8'
1951-R	1951 & 1955	1/2"	10'
1952-R	1952 & 1956	1/2"	12'
1953-R	1953 & 1957	3/4"	12'
2026-R	2026 & 2027	3/4"	10'



Makes Tape-Rule display easy

Look for this carded P&C Tape Rule. It tells the entire tape story.

SABRE SAW BLADES



A SABRE SAW BLADES

These blades fit all major models of saber saws. Made from tough saw steel sharpened to cut easily. Won't break or bend. Both straight and fast cutting angle blades available.

Sabre Saw Blades, Individual

Pick the ones you need for the specific job at hand.

		reem per
No.	Type	In. of Blade
1963-A	Wood, Straight Cut	7
1963-B	Wood, Straight Cut	10
1963-C	Metal, Hi Speed,	
	Straight Cut	14
1963-D	Metal, Hi Speed,	
	Straight Cut	32
1963-F	Metal, Straight Cut	18
1963-G	Metal, Straight Cut	24
1963-J	Metal, Angle Cut	18
1963-K	Metal, Angle Cut	24
1963-L	Wood, Angle Cut	7
1963-M	Wood, Angle Cut	10
1963-N	Metal, Hi Speed,	
	Angle Cut	14
1963-0	Metal, Hi Speed,	
	Angle Cut	32

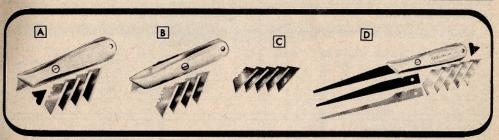
B SABRE SAW BLADE SET

Have the blade on hand when you need it. All the most used items in a handy plastic pouch. Can be hung on tool board if desired.

1963-5B Contains one (1) each of straight blades Nos. 1963-A, B, C, D and angle blades Nos. 1963-L, M, N, O.

UTILITY KNIVES





This is the handy successor to the pocket knife in the average shop. Has a thousand uses from opening cartons to cutting flooring materials and wallboards. P&C Utility blades are of finest tool steel sharpened to a razor edge.

A REPLACEABLE BLADE KNIFE -

Comes with five No. 1691 blades stored in the handle. All metal and shaped to fit the hand. Hangup hole in handle and metal knife guard included.

No. Description Wt lhe 1690 Knife with five blades .25

PUSHBUTTON SLIDE-LOCK KNIFE

Provides instant fingertip positioning to four positions for maximum safety and efficiency in use. Comes with five heavy duty alloy steel blades, No. 1692. Extra blades store in the handle.

No. Description Wt. bbs. 1693 Slide-Lock-Knife with five blades :25

REPLACEMENT BLADES

Sharp, long-lasting replacement blades for both styles of P&C Utility Knife. Notched to fit all popular styles of knives.

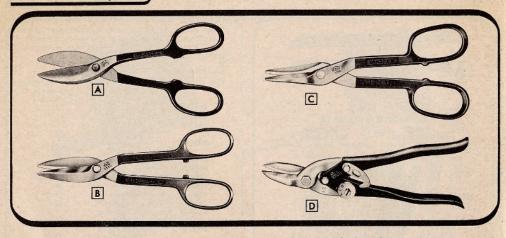
No.	Description	Wt. Lbs.
1691	Pkg. of 5 Standard Blades	.04
1692	Pkg. of 5 Heavy Duty Blades	.05
1691-X	Pkg. of 100 Standard Blades	.7
1692-X	Pkg. of 100 Heavy Duty Blades	.9

D SAW-KNIFE SET -

A complete utility knife and a set of handy saws all in one unit. Knives and saw blades are quickly interchangeable. Set consists of P&C No. 1690 handle with five blades plus No. 1966-M 18-tooth metal-cutting saw, No. 1966-N 24-tooth metal-cutting saw and 1966-W 9-tooth wood cutting saw.

No.	Description	Wt. Lbs
1694	Saw-Knife Set	42

SNIPS



With P&C Snips you get fast, smooth cuts in sheet metal, sheet brass, copper, plastic cloths and many other materials. Blades are hot drop forged from special analysis steel and electrically heat treated to provide long-wearing toughness. Pivot screws are tightened precisely for the best cut without binding and then locked in that position. Blades give uniform shearing with minimum metal distortion. Handles are hand contoured.

A STRAIGHT OR REGULAR

Will handle all kinds of cutting jobs. Gives lots of shearing power.

No.	Overall Length	Length of Cut	Wt. Lbs.
1317	7"	1%"	.38
1320	10"	21/2"	.86
1322	12"	3"	1.50

B COMBINATION PATTERN

For straight and moderately irregular cuts. More versatile than regular snips with the same shearing power.

No.	Overall Length	Length of Cut	Wt. Lbs.
1330	10"	21/2"	.88
1332	12"	3"	1.46

C DUCKBILL OR CIRCULAR

For cutting circles and other curved designs. Blades hollow ground for better work.

No.	Overall Length	Length of Cut	Wt. Lbs.
1307	,7"	134"	.38
1310	10"	21/2"	.84
1312	12"	3"	1.46

D MULTIPLE LEVERAGE

Aviation type with compound action that greatly increases shearing power. Available in straight cut, left cut and right cut.

No.	Type Cut	Overall Length	Length of Cut	Wt. Lbs.
1303-L	Left	934"	11/6"	.70
1303-R	Right	934"	11/6"	.70
1303-5	Straight	934"	156"	.72

GRINDING HEADS

P&C Grinding Heads are cast of alloy metal and then machined with care and skill to assure years of vibration-free, smooth, true running. The ½" steel spindle runs in oil-impregnated bearings. Bearings are each 1½" long to give strength and rigidity. The V-belt pulley can be run from above, below, or from either side. Height to center of spindle is 6".

A DOUBLE HEAD

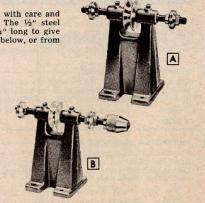
Has two sets of flanges for 34" face wheels up to 4" in diameter. Handles wheels with 1/2" diameter.

No. Wt. Lbs. 1656 5.00

B COMBINATION HEAD

Has longer spindle on right side with a 0 - \%" capacity three-jawed chuck. Can be used for drilling and other chores. Spindles are \(\frac{1}{2}\)" in diameter and threaded 20 to the inch.

No. Wt. Lbs. 1657 5.63



Standard Bolt, Nut and Screw Sizes Corresponding to Sizes of P&C Wrenches and Sockets

		AMERICAN STANDARD SERIES									
	HE	AVY	REG	ULAR	LIGHT		TA EN	2.00			
Thread Diameter of Bolt, Nut or Screw	Square and Hexagon Bolt Heads	Square Nuts and Hexagon Nuts, Jam Nuts and Slotted Nuts	Square and Hexagon Bolt Heads (Mach. Bolt Heads)	Square Nuts and Hexagon Nuts, Jam Nuts and Slotted Nuts	Hexagon Nuts, Jam Nuts, Slotted Nuts and Castle Nuts Nat. Fine (SAE Thr.)	Hexagon Full Finished Cap Screw Heads	Square and Hexagon Machine Screw Nuts and Square Stove Bolt Nuts	Square Set Screw Heads	Square Lag Bolt Heads		
#0 & 1 #2 & 3 #4 #5 & 6 #8 #10 #12 '4" 5/16" '4" '7/16" '8" '9/16" '%" '4" 1" 11/6" 11/6"	% 1% 1% 1% 1% 1% 1% 1% 2	32 1822 176 2572 % 15/6 17/6 17/6 1 13/6 1 13/6 2	%4 %4 %6 %4 %4 %4 13/6 13/6 11/6 11/6 11/6	766 768 768 768 769 769 1 1769 1 1761 1 1761 1 1761	76 76 76 76 76 176 176 176 176	366 345 366 364 376 376 196 1976	%1 %1 %4 %4 %2 %6 %6 %6 %6	14 3/6 3/6 3/6 3/6 3/6 3/6 3/6 3/6 3/6 3/6	\$\frac{5}{6}\$ \$\frac{3}{2}\$ \$\frac{3}{2}\$ \$\frac{3}{2}\$ \$\frac{3}{2}\$ \$\frac{3}{2}\$ \$\frac{1}{2}\$ \$\frac		
13%" 1½" 15%" 134" 17%" 2" 2½" 2½" 2½" 3"	2% 2% 2% 2% 2% 234 21% 3% 3% 31/2 41/4 4%	2% 2% 2% 2% 2% 2% 3% 3% 3% 4% 4%	21/6 21/4 21/6 25/6 21/16 3 33/6 33/6 41/6 41/2	21/6 21/4 27/6 25/6 3 33/8 33/4 41/6 41/2	2 2 1/6		· · · ×Does r	13s 11/2	USS Nuts.		

.2953

.315

.335 .344 .3543

11/32...

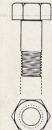
7.5 7.938

8.5

8.731

HOW TO USE THIS CHART

To use this chart, locate thread diameter of both, aut or screw in extreme left column. Then move across to box which has proper identification of both, aut or screw at top of vertical column. The size in this particular box is the naminal opening size in inches of the P&C wrenches and sockets that will fit.



4. and 8-Point Sockets are used on Square Bolt Heads, Nuts and Screw Heads. 6- and 12-Point Sockets are used on Hexagon Bolt Heads, Nuts and Screw Heads.

Inc	Inches		Inches			Inches		
Fractions	Decimals	мм	Fractions	Decimals	MM	Fractions	Decimals	- MM
Y2	.03215	.794	36	.375	9.525		.7874	20.
	.0394	1.		.3937	10.	13/16	.8125	20.63
	.059	1.5	13/2	.406	10.319		.8268	21.
Y6	.062	1.588		.413	10.5	21/32	.844	21.43
	.0787	2.		.4331	11.		.8661	22.
⅓₂	.094	2.381	15/12	.438	11.113	78	.875	22.22
	.0984	2.5	1%2	.469	11.906		.9055	23.
	.1181	3.		.4724	12.	15/6	.9062	23.01
1/6	.125	3.175		.492	12.5	%6	.9375	23.81
	.1378	3.5	1/2	.500	12.700		.9449	24.
%₂	.156	3.969	77.	.5118	13.	31/32	.969	24.60
	.1575	4.	17/32	.531	13.494		.9843	25.
3/6	.177	4.5 4.763		.5512	14.	1	1.000	25.40
716	.1969	5.	%		14.288		1.0236	26.
	.2165	5.5		.571	14.5		100000000000000000000000000000000000000	
7/32	.219	5.556	19/	.5906	15.		A	
/32	.2362	6.	11/2		15.081	American and Metric wren		
V4.	.250	6.350	78	.625	15.875			
24	.2559	6.5		.6299	16.	Standard size is taken fr	om outside	aiam
	.2756	7.	21/12	.6496	16.5	eter of threads.		
%	.2736	7.144	7/32	.656	16.669	× 1/6"		

23/32.....

13/22



17.463

18.256

19.844

18.5

19. 19.050

18.

.6875 .7087 .719 .7283 .7480

.750

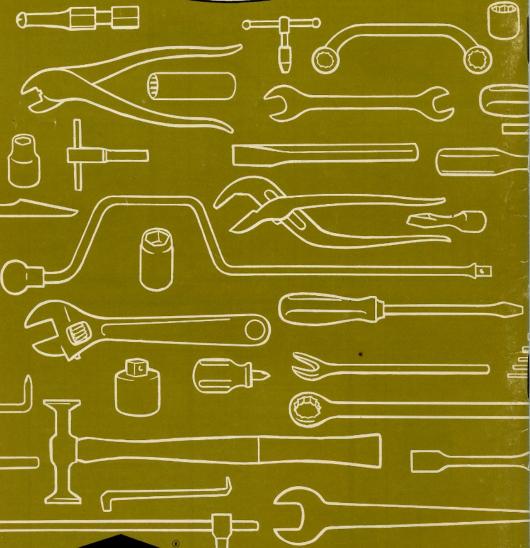
.781





American Metric British Standard





P&C TOOL COMPANY

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